

LIST OF OFFICERS
IN
THE SURVEY OF INDIA DEPARTMENT

CORRECTED TO

1ST JULY 1896.



CALCUTTA:
OFFICE OF THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA,
1896.

CALCUTTA :
GOVERNMENT OF INDIA CENTRAL PRINTING OFFICE,
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SURVEY OF INDIA DEPARTMENT.

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Classified List of Officers of the Imperial Service, Survey

No. under No. organisation scheme (A).	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade or post.	Period of service counting towards pension on 1st July 1896.
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IMPERIAL SERVICE.

Y. M. D.

Surveyor-General.

1	1	...	Col. C. Strahan, B.E.	Topogl.		6 5 43	Sep. 26, 1863	Mar. 26, 1895	...
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Deputy Surveyor-General.

1	1	...	Col. J. E. Sandeman, I.S.C.	Rev.	PH.	2 9 43	Oct. 6, 1864	Mar. 26, 1895	...
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Superintendent, Trigonometrical Surveys.

1	1	...	Lt.-Col. St. G. C. Gore, B.E.					May 1, 1894	...
...	...	...	Capt. S. G. Barrard, B.E.					May 18, 1896	...

Assistant Surveyor-Generals.

3	3	1	Col. J. Waterhouse, I.S.C.					Apl. 1, 1874	...
		2	Col. M. W. Rogers, B.E.					May 7, 1889	...
		3	Vacant						...
		...	A. E. Spring					Mar. 20, 1896	...

Superintendents.

1st GRADE. Salary R1,600.

3	3	1	*Col. T. H. Holdich, O.B., C.I.B., B.E.	Topogl.	LS.	16 2 43	July 23, 1866	Apl. 2, 1891	...
		2	Col. J. Waterhouse, I.S.C.	Topogl.	PH.	24 7 42	July 23, 1866	Mar. 26, 1895	...
		3	*Col. M. W. Rogers, B.E.	G. T. S.	LS.	3 2 42	July 30, 1866	Dec. 12, 1895	...

2nd GRADE. Salary R1,300.

6	7	1	E. C. Barrett	Rev.	HS.	14 4 43	Dec. 30, 1868	Oct. 13, 1891	32 3 8
		2	*Col. E. G. Woodthorpe, O.B., B.E.	Topogl.	LS.	23 9 44	July 14, 1871 June 5, 1892 ^b	Apl. 28, 1894	...
		3	G. H. Cooke	Rev.	LS.	29 10 44	Apl. 1, 1870	Jan. 1, 1895	23 0 8
		4	E. J. Jackson	Rev.	HS.	6 11 44	Nov. 5, 1868	Mar. 26, 1895	28 2 15
		5	*Lt.-Col. St. G. C. Gore, B.E.	G. T. S.		24 2 49	Apl. 11, 1873	Dec. 12, 1895	...
		6	Lt.-Col. J. R. Hobday, I.S.C.	Topogl.	HS.; Colloquial Burmese and LS. Shan	16 7 50	Sep. 11, 1874	Dec. 25, 1895	...
		7	*Major F. B. Longe, B.E.	†		31 10 56	Mar. 15, 1880	Jan. 21, 1896	...

§ Applies only to Officers who are under the Uncovenanted Service Rules.
 † Joined the Department after the amalgamation on the 1st January 1878.
 (A) Department of Revenue and Agriculture Resolution No. 3, dated the 27th March 1895.
 (H) Date of re-appointment.
 • Elected for continuous Indian Service.

of India Department, as it stood on 1st July 1896.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	3,000 0 0			
	2,200 0 0			
	1,440 0 0	(a) Local, R200		Furlough for 6 months and 2 days from 26th March 1896. Offrelating.
1	1,600 0 0	(b) Special, R200		In charge, Lithographic and Photographic Offices, Head-Quarters, Calcutta.
2	1,600 0 0	(c) Presidency, R60		In charge, Surveyor-General's and Mathematical Instrument Offices, Head-Quarters, Calcutta.
3				
...	850 0 0	(c) Presidency, R60		In charge, Engraving and Drawing Offices, Head-Quarters, Calcutta.
1	1,600 0 0			On deputation to Foreign Department.
2				Head-Quarters, Calcutta.
3				Head-Quarters, Calcutta.
1	1,300 0 0		In charge, No. 6 (Assam)	Joined the Junior Division, 18th November 1862;
2				Furlough for 2 years, from 16th September 1895,
3	1,300 0 0		In charge, No. 3 (Upper Burma)	Joined the Junior Division, 6th December 1866.
4	1,300 0 0		In charge, No. 9 (Central Provinces).	Joined the Junior Division, 26th September 1864.
5			Superintendent, Trigonometrical Surveys, Dohra Dün.	Furlough for 6 months and 2 days from 26th March 1896.
6				Furlough for 1 year from 26th January 1896.
7	1,482 10 0		In charge, No. 21 (Upper Burma).	

(a) Secretary of State's Despatch No. 43 (Revenue), dated 19th April 1884.
 (b) Department of Agriculture, Revenue and Commerce memorandum No. 731, dated 31st October 1873.
 (c) Department of Agriculture, Revenue and Commerce memorandum No. 213, dated 14th May 1878.

Classified List of Officers of the Imperial Service, Survey of

organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	§ Period of service counting towards pension on 1st July 1896.
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Y. M. D.

IMPERIAL SERVICE—contd.

Deputy Superintendents.

1ST GRADE. Salary R1,000.

7	9	1	*Bt.-Lt.-Col. R. A. Wahab, B.E.	†	HS.; HP. Urdu; HS. Persian; HS. Pushtu.	14 4 55	Jan. 8, 1883	Feb. 19, 1891	. . .
		2	W. H. Reynolds, F.B.G.S.	†	LS.	20 2 43	Oct. 24, 1890	Mar. 31, 1891	33 4 11
		3	Capt. G. B. Hodgson I.S.C.	†	HS.	28 10 58	Sep. 12, 1883	Apl. 28, 1894	. . .
		4	Capt. S. G. Burrard, B.E.	†	LS.	12 8 60	Sep. 2, 1884	Jan. 1, 1895	. . .
		5	G. B. Scott	Rev	{ HS. LS. Burmese }	31 7 44	Nov. 10, 1884	Mar. 26, 1895	33 2 0
		6	J. Eccles, M.A. . . . .	†	. . . . .	9 9 57	May 30, 1885	Dec. 12, 1895	11 1 1
		7	Capt. J. M. Fleming, I.S.C.	†	{ HS. and LS. Persian }	12 8 58	July 3, 1885	Dec. 17, 1895	. . .
		8	T. Archdale Pope	†	Telugu, Tamil.	21 6 58	Oct. 1, 1886	Dec. 25, 1895	9 9 0A
		9	Capt. T. F. B. Renny-Tailyour, B.E.	†	. . . . .	8 6 63	Apl. 1, 1888	Jan. 21, 1896	. . .

2ND GRADE. Salary R860.

7	9	1	Capt. R. J. H. L. Mackenzie, B.E.	†	. . . . .	15 4 63	Mar. 26, 1888	Oct. 13, 1891	. . .
		2	Bt.-Major W. J. Bythell, B.E.	†	LS.	9 9 62	May 29, 1889	Apl. 28, 1894	. . .
		3	Capt. G. P. Lenox-Conyngham, B.E.	†	. . . . .	21 8 66	July 16, 1889	May 8, 1894	. . .
		4	Capt. R. T. Crichton, I.S.C.	†	HS.	8 3 65	Dec. 16, 1889	Mar. 26, 1895	. . .
		5	E. F. Litchfield †	†	HS.	23 1 52	Oct. 24, 1890	Dec. 12, 1895	24 5 8
		6	Capt. P. J. Gordon, I.S.C.	†	HS.	2 6 59	Nov. 10, 1890	Dec. 17, 1895	. . .
		7	B. G. Gilbert-Cooper	†	{ HS. Sindhi HS. Marathi }	24 6 57	Feb. 19, 1891	Dec. 25, 1895	3 3 1B
		8	C. F. Erskine	†	{ HS. Sindhi LS. Marathi }	15 10 55	Feb. 19, 1891	Jan. 21, 1896	5 4 12B
		9	A. E. Spring	†	{ HS. Marathi, LS. Sindhi }	4 1 55	Feb. 18, 1891	Jan. 20, 1896	3 5 13B

§ Applies only to Officers who are under the Uncovenanted Service Rules.

† Joined the Department after the amalgamation on the 1st January 1878.

‡ Passed in Surveying by the Higher Standard as defined in the Forest Department Code, 3rd Edition.

(A) Excludes previous service under Madras Government.

(B) Excludes previous service in the Bombay Revenue Survey.

* Elected for continuous Indian Service.

India Department, as it stood on 1st July 1896—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
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R a. p.

1	Furlough for 1 year, from 26th June 1896.
2	1,300 0 0	Staff, R100 . . .	On deputation, Forest Department, as Superintendent, Forest Surveys.	Officiating Superintendent, 2nd grade. Service in Forest Department, from 1st January 1871 to 23rd October 1890.
3	1,300 0 0	. . . . .	In charge, No. 12 (Sind)	Officiating Superintendent, 2nd grade.
4	. . . . .	. . . . .	Officiating Superintendent, Trigonometrical Surveys, Dehra Dun, and in charge, Nos. 22 and 23 (Astronomical).	Officiating Superintendent, 2nd grade.
5	1,000 0 0	(d) Extra, R100 .	On deputation as Superintendent, Settlement Surveys, N.-W. P.	Joined the Junior Division, 1st May 1893.
6	1,000 0 0	. . . . .	In charge, Computing.	
7	1,000 0 0	. . . . .	In charge, No. 2 (N.-W. P. and Oudh.)	
8	1,000 0 0	(c) Presidency R60	Head-Quarters, Calcutta.	
9	1,140 0 0	(e) Upper Burma, R100.	In charge, No. 11 (Upper Burma)	
1	. . . . .	. . . . .	. . . . .	Furlough for 1 year, from 1st July 1895.
2	1,140 0 0	. . . . .	In charge, No. 17 (Bombay Forest).	Officiating Deputy Superintendent, 1st grade.
3	. . . . .	. . . . .	. . . . .	Furlough for 1 year, from 28th May 1896.
4	1,000 0 0	{ (f) Local, R100 (c) Presidency, R60 }	Superintendent of Settlement Surveys in Bengal.	Officiating Deputy Superintendent, 1st grade.
5	1,000 0 0	Local, R50 . . .	On deputation, Forest Department.	{ Ditto ditto, ditto, Service in Forest Department, from 10th October 1876 to 23rd October 1890.
6	1,000 0 0	(e) Burma, R100 .	In charge, No. 20 (Burma)	Officiating Deputy Superintendent, 1st grade.
7	850 0 0	(g) Burma, R150 .	In charge, No. 7 (Lower Burma)	
8	850 0 0	. . . . .	In charge, No. 14 (Central Provinces).	
9	. . . . .	. . . . .	Head-Quarters, Calcutta.	

(c) Department of Agriculture, Revenue and Commerce memorandum No. 213, dated 14th May 1878.

(d) Secretary of State's Despatch No. 27 (Revenue), dated 14th March 1895.

(e) Department of Finance and Commerce, No. 758, dated 11th February 1899.

(f) Secretary of State's Despatch No. 86 (Revenue), dated 15th August 1895.

(g) Financial Resolution, No. 5926, dated 26th October 1898.

Classified List of Officers of the Imperial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	§ Period of service counting towards pension on 1st July 1896.
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Y. M. D.

IMPERIAL SERVICE—concl'd.

Assistant Superintendents.

1ST GRADE. Salary R600.

7	10	1	*Capt. J. M. Durn, B.E.	†	LS.	18 12 66	May 17, 1891	Dec. 3, 1893	. . . .
		2	Lieut. C. C. D. Morice, B.E.	†	LS.	29 5 67	Nov. 11, 1891	Apl. 28, 1894	. . . .
		3	*Lieut. H. A. D. Fraser, B.E.	†	...	19 6 67	Oct. 29, 1891	Aug. 10, 1894	. . . .
		4	*Lieut. C. H. D. Ryder, B.E.	†	HS. and LS. Pushtu.	28 6 68	Nov. 29, 1891	Jan. 1, 1895	. . . .
		5	J. S. Pemberton	Rev.	LS.	8 7 43	Apl. 1, 1892	Mar. 26, 1895	35 8 21
		6	Lieut. A. J. Pilcher, B.E.	†	HS.	27 8 66	July 16, 1892	Dec. 12, 1895	. . . .
		7	Lieut. C. W. H. Symonds, I.S.O.	†	HS.	6 9 65	Sep. 28, 1892	Dec. 17, 1895	. . . .
		8	G. W. E. Atkinson	G. T. S.	. . . .	11 10 43	Nov. 8, 1892	Dec. 25, 1895	36 8 20
		9	Lieut. C. L. Robertson, B.E.	†	LS.	13 2 67	May 3, 1894	Jan. 21, 1896	. . . .
		10	Lieut. W. M. Coldstream, B.E.	†	LS. and HS. Pushtu.	19 2 69	Nov. 25, 1894	Jan. 23, 1896	. . . .

2ND GRADE. Salary R500.

8	10	1	Transferred to the Provincial Service.	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		2	Ditto ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		3	Ditto ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		4	Lieut. F. W. Pirrie, I.S.O.	†	HS. and LS. Pushtu.	23 8 67	June 11, 1895	. . . .	. . . .
		5	Vacant	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		6	Ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		7	Ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		8	Ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		9	Ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
		10	Ditto	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .

§ Applies only to Officers who are under the Unconvenanted Service Rules.
 † Joined the Department after the amalgamation on the 1st January 1878.
 * Elected for continuous Indian Service.

India Department, as it stood on 1st July 1896—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
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R a. r.

1	940 0 0	(g) Baluchistan, R100.	In charge, No. 24 (Upper Burma).	Officiating Deputy Superintendent, 2nd grade.
2	870 0 0	(h) Deputation, R100	In charge, No. 25 (Tidal and Levelling).	Ditto ditto, ditto.
3	870 0 0	(e) Upper Burma, R100.	No. 24 (Upper Burma)	Ditto ditto, ditto.
4	870 0 0	. . . . .	In charge, No. 19 (Madras)	Ditto ditto, ditto.
5	800 0 0	. . . . .	In charge, No. 8 (N.-W. P. and Oudh).	{ Ditto ditto, ditto { Joined the Junior Division, 6th October 1890.
6	870 0 0	. . . . .	In charge, No. 10 (Bombay)	Officiating Deputy Superintendent, 2nd grade.
7	600 0 0	(b) Charge, R100	In charge, Nos. 4 and 5 (Bihar).	. . . .
8	600 0 0	. . . . .	Drawing Office, Simla	Joined the Junior Division, 1st August 1890.
9	670 0 0	(e) Upper Burma, R100.	No. 21 (Upper Burma).
10	670 0 0	(e) Upper Burma, R100.	No. 11 (Upper Burma).

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4	600 0 0	Drawing office, Simla	Officiating Assistant Superintendent, 1st grade.
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(b) Department of Agriculture, Revenue and Commerce memorandum No. 731, dated 31st October 1878.
 (e) Department of Finance and Commerce No. 758, dated 11th February 1889.
 (g) Financial Resolution No. 5926, dated 25th October 1888.
 (h) Department of Revenue and Agriculture No. 519-81-4, dated 18th September 1894.

Classified List of Officers of the Provincial Service, Survey

No. under re-organisation scheme, (a)	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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Y. M. D.

PROVINCIAL SERVICE.

Extra Deputy Superintendents.

1st GRADE. Salary R800.

2	1	Vacant							
	2	Vacant							

2nd GRADE. Salary R650.

3	1	Vacant							
	2	Vacant							
	3	Vacant							

Extra Assistant Superintendents.

1st GRADE. Salary R650.

3	1	A. J. Wilson	Topogl.	LS.	1 9 42	Oct. 1, 1860	May 23, 1893	33 6 9
3	2	W. A. Wilson	Rev.	LS.	3 6 43	Jan. 1, 1861	Dec. 18, 1893	32 0 28
	3	A. J. Gibson	Rev.		1 12 41	May 1, 1861	Nov. 26, 1895	35 1 27

2nd GRADE. Salary R500.

6	5	1 W. B. Buttress	Rev.		19 2 44	Oct. 1, 1860	May 23, 1893	35 10 0
		2 A. G. Wyatt	Topogl.		25 2 45	Nov. 1, 1861	May 23, 1893	31 4 6
		3 H. W. Psychers	G. T. S.		13 12 42	Apr. 8, 1862	Nov. 25, 1893	33 6 18
		4 G. P. Beloham	G. T. S.	HS.	14 2 45	Nov. 1, 1862	Dec. 18, 1893	33 8 0
		5 H. Dowman	Rev.		11 6 46	Oct. 16, 1862	Nov. 26, 1895	33 8 1
		6 Vacant						

3rd GRADE. Salary R450.

8	7	1 E. G. Little	Rev.	ES. Burmese.	11 10 45	Nov. 5, 1862	May 3, 1893	30 8 19
		2 H. T. Hanby	Rev.	LS.	20 45	Nov. 13, 1862	May 23, 1893	33 7 18
		... L. J. Pocock	G. T. S.	HS.	26 9 43	July 10, 1863	May 23, 1893	32 6 7
		3 A. D. L. Christie	G. T. S.	HS. LS. Marathi.	29 9 45	Aug. 7, 1863	May 23, 1893	30 3 4
		4 W. J. O'Sullivan	G. T. S.		14 2 44	Oct. 1, 1863	Nov. 25, 1893	32 4 17
		5 W. C. Price	G. T. S.		23 6 46	Nov. 1, 1863	Dec. 18, 1893	30 0 8
		6 C. H. McA'Fee	G. T. S.	LS.	14 11 49	Sep. 6, 1864	Nov. 26, 1895	26 6 17
		7 C. F. Hamer	Topogl.		6 10 46	Aug. 3, 1863	June 8, 1896	29 10 24
		8 Vacant						

(a) Department of Revenue and Agriculture Resolution No. 6/64, dated 27th March 1895.

of India Department, as it stood on 1st July 1896.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
R a. p.				
1	550 0 0	(a) Upper Burma, R80.	No. 21 (Upper Burma)	To be filled under re-organisation scheme.
2	550 0 0	(b) Burma, R50	No. 20 (Burma)	Ditto ditto.
3	550 0 0		No. 10 (Bombay)	Ditto ditto.
1	500 0 0		No. 2 (N.-W. P. and Oudh)	Apprentice Draftsman from 1st January 1880. Furlough in India for 6 months, from 30th October 1891. Recalled to duty, 18th February 1892. Furlough for 1 year, from 24th March 1899.
2	500 0 0		No. 12 (Sind)	Absent without leave for 3 days in January 1886.
3	500 0 0	(c) Dehra, R50	Computing, Dehra Dun.	Copist from 1st to 30th September 1860. Inclusive of furlough out of India, from 11th November 1883 to 6th November 1884.
4	500 0 0	(d) Deputation, R50	No. 25 (Tidal and Levelling)	Service reckoned under old rules.
5	500 0 0		No. 9 (Central Provinces)	Absent without leave 3 days, sick leave 2 days in October, 4 days in December 1865, and 6 days in December 1866. To be filled under re-organisation scheme.
6				
1	450 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma)	Apprentice from 1st January 1860. Exclusive of 5 years 10 months and 10 days' service under 20 years of age.
2	450 0 0		Nos. 4 and 5 (Bihar).	Exclusive of 89 days' sick leave.
...	600 0 0		Chief Draftsman, Head-Quarters, Calcutta.	Exclusive of furlough in India from 10th November 1886 to 15th May 1887.
3	450 0 0		Computing, Dehra Dun.	
4	450 0 0		No. 8 (N.-W. P. and Oudh)	
5	450 0 0	(b) Burma, R50	No. 7 (Lower Burma).	
6	450 0 0		Drawing Office, Dehra Dun	Passed the Poona C. E. College examination in 1864. Sick leave for 1 month from 30th December 1882.
7	450 0 0		No. 19 (Madras).	
8				To be filled under re-organisation scheme.

(a) Department of Finance and Commerce No. 766, dated 11th February 1889.
 (b) Financial Resolution No. 5828, dated 25th October 1888.
 (c) Financial Resolution No. 3906, dated 22nd December 1864, and No. 2579, dated 30th November 1871.
 (d) Department of Revenue and Agriculture No. 519/81-4, dated 18th September 1894.

Classified List of Officers of the Provincial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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Y. M. D.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

4TH GRADE. Salary R400.

13	0	...	J. H. O'Donel	Rev.	. . . .	10 7 45	Oct. 1, 1863	May 23, 1893	30 11 20
	1		T. E. M. Claudius	Topogl.	. . . .	1 6 46	Aug. 1, 1863	May 23, 1893	30 1 0
	...		W. Stotesbury	Topogl.	{ HS., LS., Cana- rese. }	26 7 47	Oct. 4, 1864	May 23, 1893	28 11 6
	2		T. H. Rendell	G. T. S.	. . . .	23 7 44	Oct. 11, 1864	May 23, 1893	31 7 29
	3		C. E. Tapsell	Topogl.	LS.	14 11 44	Aug. 2, 1864	Mar. 27, 1895	31 7 17
	4		R. B. Smart	Rev.	LS.	28 6 47	Jan. 1, 1865	May 23, 1893	29 0 2
	5		A. J. James	Topogl.	LS.	19 11 46	June 15, 1864	May 23, 1893	29 7 12
	6		Hugh Todd	G. T. S.	. . . .	16 8 47	July 15, 1865	May 23, 1893	28 9 16
	7		E. J. Connor	G. T. S.	LS.	18 8 48	Mar. 1, 1865	May 23, 1893	27 4 10
	8		J. Connor	Rev.	. . . .	27 8 47	Feb. 15, 1865	Dec. 18, 1893	28 9 24
	...		T. H. Dunne	Rev.	LS.	25 12 49	Feb. 15, 1865	July 6, 1894	26 5 26
	9		J. Bond	G. T. S.	. . . .	6 1 50	Oct. 18, 1866	July 6, 1894	26 5 5
	10		C. D. Potter	G. T. S.	LS.	19 8 45	Oct. 29, 1866	Mar. 27, 1895	29 7 0
	11		E. A. Wainright	Topogl.	. . . .	8 6 48	May 1, 1866	Mar. 27, 1895	28 0 23
	12		J. A. Barker	Topogl.	. . . .	13 4 46	Sep. 18, 1865	Nov. 26, 1895	30 2 10
	13		B. C. D. Ewing	Rev.	HS.	10 6 48	June 9, 1866	June 8, 1896	28 11 25

5TH GRADE. Salary R350.

1b	15	1	W. J. Cornelius	Topogl.	LS.	31 3 49	Aug. 15, 1866	May 23, 1893	27 3 1
		2	G. W. Jarbo	Rev.	LS.	15 9 47	Nov. 1, 1866	May 23, 1893	28 9 0
		3	P. J. W. Doran	Topogl.	LS.	5 5 49	Feb. 1, 1867	May 23, 1893	27 1 27
		...	J. R. Scott	Rev.	LS.	5 3 49	Jan. 19, 1867	May 23, 1893	27 3 27
		4	J. McHatton	Rev.	LS.	15 6 54	July 1, 1867	May 23, 1893	25 11 14

India Department, as it stood on 1st July 1896—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
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R. a. p.

...	On deputation, Assam.	
1	400 0 0	{ (e) Charge, R100 (b) Baluchistan, R80 }	In charge, No. 15 (Baluchistan).	
...	...	...	...	Furlough out of India for 2 years, from 26th May 1895.
2	400 0 0	(g) Simla, R25	Drawing Office, Simla.	
3	400 0 0	. . . .	No. 17 (Bombay Forests).	
4	400 0 0	. . . .	Nos. 4 and 5 (Bihar)	Apprentice from 1st January 1864.
5	400 0 0	(a) Upper Burma, R80	No. 21 (Upper Burma).	
6	400 0 0	. . . .	No. 19 (Madras)	Exclusive of 30 days' sick leave from 2nd November 1868.
7	400 0 0	. . . .	No. 25 (Tidal and Levelling)	Exclusive of 6 months and 5 days' leave on private affairs under new rules from 1st November 1870.
8	400 0 0	(a) Upper Burma, R80.	No. 3 (Upper Burma).	
...	...	...	On deputation, Central Provinces.	Absent without leave 1 day, and sick leave 10 days in October 1865.
9	400 0 0	. . . .	No. 25 (Tidal and Levelling)	Exclusive of 20 days' sick leave in February 1876.
10	400 0 0	(e) Charge, R100	In charge, No. 18 (Himalaya)	Exclusive of 33 days' sick leave. Obtained a Civil Engineer's certificate at the Madras C. E. College in 1866.
11	400 0 0	(b) Baluchistan, R80	No. 15 (Baluchistan).	
12	400 0 0	(f) Presidency, R30	Head-Quarters, Calcutta	Exclusive of sick leave from 16th to 25th May 1893.
13	. . . .	. . . .	On deputation, Bengal	Furlough from 17th September 1895 to 11th September 1897.

1	350 0 0	(g) Simla, R25	Drawing Office, Simla.	
2	350 0 0	(b) Burma, R50	No. 7 (Lower Burma)	Apprentice Draftsman from 9th April 1866.
3	350 0 0	(a) Upper Burma, R80.	No. 11 (Upper Burma)	Sick leave for 15 days from 26th May to 9th June 1869.
...	...	...	On deputation, Central Provinces.	
4	350 0 0	. . . .	Nos. 4 and 5 (Bihar)	Furlough for 1 year, from 1st January 1879.

(a) Department of Finance and Commerce No. 756, dated 11th February 1899.

(b) Financial Resolution No. 5926, dated 25th October 1885.

(c) Secretary of State's Despatch No. 121, dated 7th May 1885.

(d) Financial Resolution No. 704, dated 22nd February 1860.

(e) Revenue and Agricultural Department No. 1339, dated 1st November 1880.

(f) 30-8

Classified List of Officers of the Provincial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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Y. M. D.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

5TH GRADE. Salary R350—concl'd.

5	J. Hickie	G. T. S.	LS.	13 1 49	Apl. 29, 1868	May 23, 1893	26 11 18
...	G. D. Cusson	G. T. S.	LS.	23 9 46	May 8, 1868	July 6, 1893	28 1 23
6	G. C. Swiney	Rev.	. . . . .	27 6 49	Sep. 17, 1868	Dec. 18, 1893	27 0 4
7	J. S. Swiney	Rev.	. . . . .	19 12 50	Jan. 5, 1869	Dec. 18, 1893	26 6 12
...	C. P. Torrens	G. T. S.	. . . . .	19 6 51	Dec. 12, 1868	July 6, 1894	24 6 10
8	W. Robert	Topogl.	. . . . .	27 2 51	Aug. 21, 1869	July 6, 1894	25 4 2
9	C. W. Wilson	Rev.	LS.	9 11 45	June 21, 1867A	Aug. 7, 1894	28 8 1
10	G. E. Parker	Rev.	. . . . .	18 2 50	Nov. 18, 1870	Mar. 27, 1895	25 7 18
11	G. T. Hall	G. T. S.	LS.	3 12 51	Nov. 22, 1872	Mar. 27, 1895	23 7 9
12	G. G. Vander-Beek	Topogl.	LS.	16 9 49	July 1, 1872	Mar. 27, 1895	25 8 21
13	R. Todd	Topogl.	. . . . .	12 7 45	Nov. 1, 1863	Oct. 27, 1895	30 11 20
14	W. H. Penrose	Rev.	LS.	6 10 51	Aug. 11, 1869	Nov. 26, 1895	24 1 17
15	A. W. Smart	Rev.	. . . . .	27 2 51	Dec. 1, 1871	June 8, 1896	24 4 0

6TH GRADE. Salary R300.

20	20	1	T. Shaw	Rev.	LS.	15 11 52	Apl. 21, 1869	May 23, 1893	23 7 15
		2	G. Campbell	Rev.	. . . . .	13 7 48	Mar. 1, 1871	May 23, 1893	26 5 9
		3	W. C. G. Barokley	Topogl.	. . . . .	22 10 51	Dec. 1, 1871	May 23, 1893	24 0 28
		4	J. Murphy	Rev.	. . . . .	12 7 52	Nov. 1, 1871	May 23, 1893	23 11 19
		5	W. M. Kelly	Rev.	LS.	6 8 54	Oct. 1, 1872 Oct. 1, 1873B	May 23, 1893	21 10 25
		...	E. P. S. Hill*	Rev.	HS., LS. Persian.	14 7 55	Nov. 16, 1872	May 23, 1893	20 11 15
		6	R. B. Dickinson	Rev.	LS.	25 7 52	Apl. 16, 1873	May 23, 1893	24 3 0
		7	G. A. Knight	Topogl.	. . . . .	22 4 54	Aug. 11, 1873	May 23, 1893	22 0 11
		8	W. A. Fielding . . . . .	. . . . .	LS.	17 5 48	May 1, 1868 Oct. 1, 1887B	May 23, 1893	28 1 14
		9	P. A. Peters	Rev.	LS.	24 12 54	Nov. 1, 1873	May 23, 1893	21 5 8

(A) Commencement of second service.

(B) Date of re-appointment.

* Passed Departmental Examination in Revenue Law and Procedure by the Higher Standard.

India Department, as it stood on 1st July 1896—continued.

No. existing in each grade	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
				R a. p.
5	350 0 0	(a) Upper Burma, R80.	No. 24 (Upper Burma)	Exclusive of 6 months' sick leave from 1st March 1873.
...	400 0 0	. . . . .	Draftsman, Head-Quarters, Calcutta.	Inclusive of furlough out of India for 364 days, from 1st November 1870.
6	350 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma).	
7	350 0 0	(b) Burma, R50.	No. 7 (Lower Burma).	
...	. . . . .	. . . . .	On deputation, Burma	Exclusive of 2 days, overstayed privilege leave.
8	350 0 0	. . . . .	No. 18 (Himalaya).	
9	350 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma)	Sick leave for 3 months from 1st March 1869, 2 months from 1st August 1869, and from 22nd April to 31st May 1892.
10	350 0 0	. . . . .	No. 2 (N.-W. P. and Oudh)	Passed the Poona C. E. Examination in 1864. Passed in Hindi as notified in the C. P. Gazette of 26th January 1869.
11	350 0 0	. . . . .	Nos. 4 and 5 (Bihar).	
12	350 0 0	. . . . .	No. 12 (Sind)	Apprentice Draftsman from 11th October 1870.
13	350 0 0	. . . . .	No. 19 (Madras)	Under suspension from 11th May to 6th June 1883.
14	350 0 0	(b) Assam, R50	No. 6 (Assam)	Medical leave from 22nd October to 28th November 1883, and from 3rd August 1886 to 2nd February 1887, excluded.
15	350 0 0	(b) Settlement, R50	Nos. 4 and 5 (Bihar)	Sick leave for 3 months from 8th July 1880.
1	300 0 0	(f) Presidency, R30	Head-Quarters, Calcutta.	
2	300 0 0	(f) Presidency, R30	Head-Quarters, Calcutta	Office Assistant from 1st January 1864. Furlough for 1 year, from 22nd September 1891. Medical leave from 16th March to 16th September 1891.
3	300 0 0	(f) Presidency, R30	Head-Quarters, Calcutta	Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1870. Suspended from office from 16th to 18th May 1893.
4	300 0 0	(b) Burma, R50	No. 7 (Lower Burma)	Office Assistant from 22nd November 1862.
5	300 0 0	(a) Upper Burma, R80.	No. 11 (Upper Burma)	Inclusive of service in the Forest Department from 1st November 1877 to 30th September 1878.
...	. . . . .	. . . . .	On deputation, Central Provinces.	
6	300 0 0	. . . . .	No. 10 (Bombay)	Apprentice from 1st April 1872.
7	300 0 0	(b) Baluchistan, R80	No. 15 (Baluchistan)	Medical leave from 12th May to 7th July 1892.
8	300 0 0	. . . . .	No. 18 (Himalaya)	Inclusive of service in the Bombay Secretariat, from 1st April 1880 to 30th September 1887.
9	300 0 0	. . . . .	No. 9 (Central Provinces)	Inclusive of service in the Straits Settlements from 29th October 1865 to 31st December 1869.

(a) Department of Finance and Commerce No. 756, dated 11th February 1880.

(b) Financial Resolution No. 5828, dated 25th October 1886.

(f) Financial Resolution No. 704, dated 23rd February 1866.

(h) Secretary of State's Despatch No. 75 (Revenue), dated 15th August 1869.

Classified List of Officers of the Provincial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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PROVINCIAL SERVICE—contd.

Y. M. D.

Extra Assistant Superintendents—concl'd.

6TH GRADE. Salary R300—concl'd.

10	T. S. Marten	Forest Surv.	. . . .	23 2 46	Oct. 6, 1888	May 23, 1893	22 3 18
11	P. F. Prunty	G. T. S.	. . . .	24 12 54	May 9, 1874	Nov. 15, 1893	21 6 7
12	P. White	Topogl.	LS.	10 10 50	Oct. 1, 1872	Nov. 25, 1893	19 10 6
13	J. Keating	G. T. S.	. . . .	4 5 54	June 1, 1874	July 6, 1894	22 1 0
14	S. F. Norman	G. T. S.	. . . .	8 8 54	Sep. 1, 1874	Aug. 7, 1894	21 10 0
15	C. A. Norman	G. T. S.	LS.	18 6 56	Oct. 12, 1874	Mar. 27, 1895	20 1 12
16	C. S. Kraal	Rev.	LS.	25 10 53	July 24, 1874	Mar. 27, 1895	21 10 21
17	L. F. Berkeley	Rev.	LS.	28 8 54	Aug. 16, 1875	Apl. 27, 1895	20 10 16
18	J. Marten	Forest Surv.	. . . .	27 9 51	Oct. 6, 1888	Oct. 27, 1895	20 8 10
19	G. P. Tate	†	LS. & HS. Baluchi.	22 7 56	Mar. 12, 1878	Nov. 26, 1895	19 11
20	J. M. Kennedy	G. T. S.	. . . .	2 11 56	Aug. 19, 1875	June 8, 1896	19 7 28

Sub-Assistant Superintendents.

1ST GRADE. Salary R500 rising to R800.

22	22	1	S. O. Madras	Rev.	. . . .	15 9 50	July 6, 1868	Aug. 7, 1891A	25 6 25
		...	P. C. H. Smart . . . .	†	. . . .	16 9 55	Apl. 18, 1878	Nov. 24 1888	17 9 6
		2	B. F. Warwick	G. T. S.	LS.	25 3 55	July 2, 1875	May 9, 1889	18 2 2
		3	A. George	†	LS.	14 1 55	Oct. 15, 1878	May 13, 1889	17 8 17
		4	W. H. D. Ewing	†	LS. & S. Burmese	23 8 57	Apl. 15, 1878	May 16, 1889	18 0 15
		5	C. George	†	LS.	7 12 52	Sep. 5, 1878	Feb. 1, 1890	21 10 14
		6	R. Waller-Senior	†	LS.	13 11 60	Dec. 21, 1878	May 5, 1890	15 2 19
		...	J. A. Higgs	†	LS.	18 4 59	Sep. 12, 1881	Nov. 10, 1890	16 6 0

† Joined the Department after the amalgamation on 1st January 1878.
(A) Date of reduction.

India Department, as it stood on 1st July 1896—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
				R. G. P.
10	300 0 0	. . . .	On deputation, Forest Department.	Includes previous service in Forest Department from 14th March 1874.
11	300 0 0	(b) Baluchistan, R80	No. 24 (Upper Burma).	
12	300 0 0	(b) Burma, R50	No. 20 (Burma)	Exclusive of sick leave for 3 months, from 21st October 1878; extension for 3 months; further extension of leave without pay up to 17th August 1879. On half-pay list from 18th August 1879 to 31st August 1880. Sick leave for 1 year from 17th October 1881; extension to 28th January 1883. Sick leave for 3 months from 6th November 1883. Furlough for one year and six months from 24th March 1892.
13	300 0 0	. . . .	No. 14 (Central Provinces).	
14	300 0 0	. . . .	No. 17 (Bombay Forests)	
15	300 0 0	. . . .	No. 17 (Bombay Forests).	
16	300 0 0	(h) Settlement, R50	Nos. 4 and 5 (Bihar)	Sick leave from 6th to 22nd February 1870.
17	300 0 0	(e) Charge, R50	In charge Palamau Detachment.	
18	300 0 0	. . . .	On deputation, Forest Department.	Includes previous service in Forest Department, from 22nd October 1875.
19	300 0 0	(b) Baluchistan, R80	No. 15 (Baluchistan)	Apprentice from 1st March 1874.
20	300 0 0	. . . .	On deputation, Siam.	
1	250 0 0	(f) Presidency, R20	Head-Quarters, Calcutta	Under suspension from 16th May to 6th August 1894.
...	. . . .	. . . .	On deputation, N.-W. P.	Sick leave from 8th April to 14th September 1883.
2	250 0 0	. . . .	No. 12 (Sind)	Exclusive of medical leave for 2 months, from 10th October 1877; for 6 months from 1st May 1879; for 4 months and 25 days from 30th August 1881; and for 11 months and 30 days from 16th August 1882. Furlough for 1 year from 28th May 1892.
3	250 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma)	Exclusive of previous service as Sub-Surveyor.
4	250 0 0	(f) Presidency, R20	Head-Quarters, Calcutta	Exclusive of 2 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 28th July 1880.
5	250 0 0	. . . .	No. 9 (Central Provinces)	Previous service as Sub-Surveyor from 18th August 1874.
6	250 0 0	. . . .	No. 18 (Himalaya)	Exclusive of medical leave from 8th May to 6th October 1889.
...	325 0 0	. . . .	Draftsman, Head-Quarters, Calcutta.	Previous continuous service in Board of Revenue from 4th March 1878, and joined as apprentice from 31st July 1878. Medical leave from 7th March to 18th November 1883.

(e) Department of Finance and Commerce No. 756, dated 11th February 1889.
(b) Financial Resolution No. 5826, dated 25th October 1888.
(c) Secretary of State's Despatch No. 121, dated 7th May 1885.
(f) Financial Resolution No. 704, dated 22nd February 1886.
(h) Secretary of State's Despatch No. 75 (Revenue), dated 16th August 1880.

Classified List of Officers of the Provincial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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PROVINCIAL SERVICE—contd.

Y. M. D.

Sub-Assistant Superintendents—contd.

1st GRADE. Salary R200 rising to R250—conold.

...			O. D. Smart . . . . .	†	. . . . .	16 9 57	Oct. 1, 1881	Mar. 1, 1891	14 0 18
7			A. Ewing . . . . .	†	. . . . .	1 1 82	Nov. 16, 1881	Apl. 1, 1891	14 6 0
8			M. Gastaud . . . . .	†	. . . . .	8 3 62	May 1, 1882	Apl. 25, 1891	14 4 0
...			P. Beechey	†	LS. & HS. Burmese.	18 7 61	Dec. 1, 1882	May 13, 1891	13 7 0
9			E. F. Berkeley	†	LS.	21 10 64	Sep. 1, 1883	Jan. 5, 1892	11 8 10
10			J. P. Barker . . . . .	†	. . . . .	21 8 65	Dec. 23, 1883	Nov. 1, 1893	10 10 10
...			N. Bedford . . . . .	†	. . . . .	16 7 61	Jan. 10, 1884	Nov. 15, 1893	12 5 22
11			B. B. Hughes	†	LS. & LS. Burmese.	13 6 66	Oct. 15, 1883	July 6, 1894	10 0 18
12			A. Descubes	Forest Survey.	. . . . .	17 7 54	Dec. 5, 1889	Jan. 26, 1895	9 5 14
13			P. J. Serrao	†	LS. Burmese.	3 7 61	Apl. 24, 1884	Mar. 27, 1895	12 2 7
14			J. Smith . . . . .	†	. . . . .	14 9 63	Aug. 1, 1884	Mar. 27, 1895	11 1 9
...			W. E. Johnson	†	ES. Burmese.	14 9 61	Aug. 18, 1884	Mar. 27, 1895	11 10 14
...			W. Skilling	†	LS.	26 4 67	Nov. 24, 1884	Apl. 27, 1895	9 2 8
15			A. B. Smart . . . . .	†	. . . . .	27 9 65	Feb. 25, 1885	Apl. 27, 1895	10 5 3
16			C. G. Lee . . . . .	†	. . . . .	23 8 66	Mar. 1, 1886	May 3, 1895	9 10 8
17			F. S. Bell . . . . .	†	. . . . .	28 9 64	Sep. 24, 1886	Oct. 15, 1895	9 9 7
18			F. P. Walsh . . . . .	†	. . . . .	20 11 66	Mar. 4, 1886	Oct. 25, 1895	9 7 10
19			F. B. Powell	†	ES. LS. Burmese.	11 8 64	Sep. 23, 1886	Oct. 27, 1895	9 9 8
20			Yusuf Sharif, Khan Bahadur . . . . .	†	. . . . .	18 12 46	Dec. 1, 1886	Nov. 12, 1895	29 0 15
21			Rai Hira Singh, Bahadur . . . . .	†	. . . . .	1 9 51	Mar. 12, 1887	Nov. 26, 1895	24 7 0
22			T. W. Babonau (Jr.)	†	LS. & ES. Burmese.	10 7 66	Jan. 15, 1884	June 8, 1896	8 10 18

2ND GRADE. Salary R160 rising to R200.

24	24	1	F. E. Warde	†	7 9 51	Nov. 13, 1884A	Oct. 1, 1889	10 10 8
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† Joined the Department after the amalgamation on 1st January 1878.
 (A) Date of re-appointment.

India Department, as it stood on 1st July 1896—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
				R a. p.
...			On deputation, N.-W. Provinces	Previous temporary service in the Cadastral Establishment, from 1st December 1879 to 30th September 1881. Medical leave 21st December 1894 to 1st September 1895.
7	250 0 0	(b) Burma, R50 . . .	No. 20 (Burma).	
8	240 0 0	(b) Burma, R50 . . .	No. 7 (Lower Burma) . . .	Apprentice Draftsman from 3rd January 1892.
...			On deputation, Burma.	
9	230 0 0	. . . . .	Nos. 4 and 5 (Bihar) . . .	Office Assistant from 1st May 1881.
10	230 0 0	(a) Charge, R50 . . .	In charge, Singbhum Detachment.	
...			On deputation, N.-W. Provinces	
11	230 0 0	. . . . .	No. 14 (Central Provinces)	
12	210 0 0	. . . . .	On deputation, Forest Dept.	Includes previous service in Forest Department, from 18th January 1887.
13	230 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma).	
14	210 0 0	. . . . .	No. 12 (Sind)	Furlough from 15th May 1894 to 6th March 1896.
...			On deputation, Burma.	
...			On deputation, N.-W. Provinces	
15	220 0 0	(f) Presidency, R20 . . .	Head-Quarters, Calcutta . . .	Medical leave for 4 months from 4th October 1895.
16	210 0 0	. . . . .	Nos. 4 and 5 (Bihar) . . .	Previous temporary service in the Cadastral Establishment, from 1st December 1883 to 28th February 1886.
17	200 0 0	(a) Assam, R40 . . .	No. 6 (Assam).	
18	200 0 0	. . . . .	No. 12 (Sind).	
19	200 0 0	. . . . .	No. 2 (N.-W. P. and Oudh).	
20	200 0 0	(b) Baluchistan, R80 . . .	No. 15 (Baluchistan) . . .	Joined as Sub-Surveyor, 16th June 1867.
21	200 0 0	(b) Baluchistan, R80 . . .	No. 15 (Baluchistan) . . .	Joined as Sub-Surveyor, 13th November 1879. Previous service in G. I. O., Printing Section, from 1st October 1871. Sick leave from 7th February to 6th April 1889.
22	220 0 0	(b) Burma, R50 . . .	No. 7 (Lower Burma) . . .	Extraordinary leave from 9th April to 21st November 1880. Leave to Europe on private affairs, from 30th June to 20th December 1892.
1	160 0 0	(g) Simla, R16 . . .	Drawing Office, Simla . . .	Exceeded joining time by 6 days from 22nd May 1890; on half-pay from 1st to 31st July; without pay 4 days in Sep., 4 days in Oct., and 11 days in Nov. 1890; 10 days in Jan., 5 days in Feb., 8 days in Mar., 5 days in Apl., 14 days in Oct., 4 days in Nov., and 4 days in Dec. 1891; 7 days in Feb., 8 days in Mar., 6 days in April, 8 days in May, 14 days in July, and 7 days in Aug.; and sick leave from 6th Sep. to 31st Oct. 1892; without pay for 4 days in July 1893, and under suspension from 1st August to 24th September 1893; without pay for 4 days, from 30th July to 2nd August 1894.

(a) Department of Finance and Commerce No. 756, dated 11th February 1880.
 (b) Financial Resolution No. 5828, dated 25th October 1888.
 (f) Financial Resolution No. 704, dated 22nd February 1866.
 (g) Revenue and Agricultural Department No. 1339, dated 1st November 1800.
 36-8

Classified List of Officers of the Provincial Service, Survey of

No. under re-organization scheme.	No. under old scheme.	No. existing in each grade.	NAME OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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Y. M. D.

PROVINCIAL SERVICE—contd.

Sub-Assistant Superintendents—contd.

2ND GRADE. Salary R160 rising to R200—concl'd.

2	H. A. Charrier	†	LS. ES. Burmese.	22 10 64	Apl. 21, 1884	Mar. 1, 1891	11 0 26
...	J. A. T. Haddock	†	LS. ES. Burmese.	16 10 63	Nov. 26, 1887	Apl. 25, 1891	8 7 5
3	J. H. Murphy	†	...	26 7 69	Nov. 1, 1887	May 13, 1891	5 11 6
4	W. J. Baker	†	ES. Burmese	18 8 66	Jan. 25, 1888	Jan. 5, 1892	8 5 7
...	C. G. S. Wood	†	LS.	1 7 68	Aug. 2, 1884	Mar. 17, 1892	8 0 0
5	C. S. Gasper	†	...	11 8 68	Mar. 2, 1888	Apl. 1, 1892	7 10 21
6	C. H. G. Johnson	†	...	14 6 69	Nov. 13, 1888	May 8, 1892	7 0 17
7	H. G. Shaw	†	...	21 2 62	Jan. 1, 1889	Aug. 14, 1893	13 6 0
8	Sarat Chunder Sen, L.B.	†	...	Nov. 1865	Aug. 26, 1889	Nov. 1, 1893	6 8 8
9	W. F. E. Adams	†	...	12 6 68	Aug. 26, 1889	Nov. 15, 1893	6 10 6
10	J. H. Nichol	†	Forest Survey.	9 4 67	Dec. 12, 1889	Nov. 25, 1893	7 6 16
11	G. Rae	†	...	23 11 70	Nov. 19, 1890	Apl. 1, 1894	5 7 8
12	Imam Sharif, Khau Bahadur	†	...	7 4 49	May 6, 1891	July 6, 1894	24 6 0
13	C. Litchfield	†	Forest Survey.	24 1 66	Jan. 10, 1892	Nov. 1, 1894	7 7 17
...	H. W. Biggie	†	ES. Burmese	9 12 71	Nov. 21, 1891	Mar. 27, 1895	4 6 23
14	Aulad Hussein	†	...	0 12 68	Nov. 13, 1891	Mar. 27, 1895	4 7 18
15	Rahmatulla	†	...	28 9 66	Nov. 13, 1891	Mar. 27, 1895	9 9 4
16	J. O. Greiff	†	LS.	2 7 72	Nov. 13, 1891	Mar. 27, 1895	4 0 0
17	Nilmoni Chatterjee	†	...	17 11 70	Nov. 23, 1891	Apl. 27, 1895	4 5 7
...	H. B. Powell	†	ES. and LS. Burmese.	2 6 70	Nov. 22, 1891	May 3, 1895	4 7 9
18	J. A. Freeman	†	...	24 7 70	Nov. 23, 1891	Oct. 15, 1895	4 7 8
19	O. C. Ollenbach	†	LS. Burmese	3 4 67	Nov. 23, 1891	Oct. 25, 1895	4 7 9
20	H. H. B. Hanby	†	...	21 6 72	Nov. 25, 1891	Nov. 12, 1895	4 0 10
21	P. K. Vaughan	†	...	14 2 70	Nov. 23, 1891	Nov. 16, 1895	4 7 8
22	W. Newland	†	LS. Burmese	28 4 76	Sept. 11, 1893	Nov. 26, 1895	0 2 3
23	W. M. Gorman	†	...	28 7 73	Sept. 19, 1893	Apl. 8, 1896	2 9 12
24	Amar Singh	†	ES. and LS. Burmese.	1 1 63	Sept. 18, 1893	June 8, 1896	11 2 5

3RD GRADE. Salary R120 rising to R160.

26	1	P. Williams	†	...	18 3 71	Sept. 16, 1893	2 9 15
	2	J. H. S. Wilsou	†	...	10 1 71	Sept. 4, 1893	2 9 27

† Joined the Department after the amalgamation on 1st January 1878.

India Department, as it stood on 1st July 1896—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
2	168 0 0	(b) Burma, R50	No. 20 (Burma)	Leave without pay from 2nd to 13th February 1889. Leave on medical certificate 3 months from 24th May 1890.
...	...	...	On deputation, Burma.	
3	...	...	Ditto.	Medical leave for 1 month, from 18th Apl. 1893.
4	184 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma).	
...	...	...	On deputation, Burma.	Leave without allowance, from 12th May 1886 to 11th January 1890.
5	184 0 0	...	Nos. 4 and 5 (Bihar).	
6	184 0 0	...	No. 2 (N.-W. P. and Oudh.)	
7	184 0 0	(a) Upper Burma, R80.	No. 11 (Upper Burma)	Includes previous service in the Meteorological Department, from 1st January 1883.
8	184 0 0	(f) Presidency, R20.	Head-Quarters, Calcutta	Medical leave from 19th November 1894 to 17th January 1895.
9	184 0 0	(a) Upper Burma, R80.	No. 21 (Upper Burma).	
10	176 0 0	...	On deputation, Forest Department.	Includes previous service in Forest Department, from 16th December 1888.
11	184 0 0	...	No. 8 (N.-W. P. and Oudh).	
12	184 0 0	(b) Baluchistan, R80	No. 15 (Baluchistan)	Joined as Sub-Surveyor, 1st September 1871.
13	176 0 0	...	On deputation, Forest Department.	Includes previous service in Forest Department from 14th November 1888.
...	...	...	On deputation, Burma.	
14	168 0 0	...	No. 22 (Astro.).	
15	168 0 0	...	No. 14 (Central Provinces)	Joined as Computer, 19th August 1866.
16	168 0 0	...	No. 14 (Central Provinces).	
17	168 0 0	...	Nos. 4 and 5 (Bihar)	Extraordinary leave from 1st June to 2nd August 1892.
...	...	...	On deputation, Burma	Previous temporary service in Cadastral Establishment, from 1st January 1890 to 21st November 1891.
18	160 0 0	...	No. 10 (Bombay).	
19	160 0 0	(a) Upper Burma, R80.	No. 3 (Upper Burma).	
20	160 0 0	...	Nos. 4 and 5 (Bihar).	
21	160 0 0	...	Nos. 4 and 5 (Bihar).	
22	160 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma).	
23	160 0 0	...	No. 18 (Himalaya).	
24	160 0 0	(b) Burma, R50	No. 7 (Lower Burma)	Includes previous service in the Meteorological Department from 8th April 1885. Leave without allowance from 28th November to 16th December 1885.
1	136 0 0	...	No. 8 (N.-W. P. and Oudh).	
2	136 0 0	...	No. 19 (Madras).	

(a) Department of Finance and Commerce No. 756, dated 11th February 1889.

(b) Financial Resolution No. 5826, dated 25th October 1888.

(f) Financial Resolution No. 704, dated 22nd February 1896.

Classified List of Officers of the Provincial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1896.
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Y. M. D.

PROVINCIAL SERVICE—concl'd.

Sub-Assistant Superintendents—concl'd.

3RD GRADE. Salary R120 rising to R160—concl'd.

3	M. J. Sheehan	†	20 1 75	Oct. 30, 1895	0 6 5
4	M. C. Petters	†	20 12 73	Nov. 1, 1895	0 8 0
5	Himansu Kumar Roy	†	5 9 73	Oct. 15, 1895	0 8 17
6	A. H. Peychers.	†	26 8 75	Oct. 15, 1895	0 8 17
7	J. Donaghey	†	20 9 74	Oct. 26, 1895	0 8 5
8	E. J. Biggie	†	16 2 73	Oct. 24, 1895	0 8 8
9	P. L. Causley	†	12 6 72	Oct. 25, 1895	0 8 7
10	Abinash Chunder Bose	†	16 11 72	Oct. 15, 1895	0 8 17
11	Vacant				
12	Ditto				
13	Ditto				
14	Ditto				
15	Ditto				
16	Ditto				
17	Ditto				
18	Ditto				
19	Ditto				
20	Ditto				
21	Ditto				
22	Ditto				
23	Ditto				
24	Ditto				
25	Ditto				
26	Ditto				

† Joined the Department after the amalgamation on 1st January 1878.

India Department, as it stood on 1st July 1896—concluded.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
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R a. p.

3	120 0 0		No. 19 (Madras)	On probation. On medical leave from 4th December 1895 to 31st January 1896.
4	120 0 0		No. 14 (Central Provinces)	On probation.
5	120 0 0	(a) Upper Burma, R80	No. 3 (Upper Burma)	Ditto.
6	120 0 0		No. 2 (N.-W. P. and Oudh)	Ditto.
7	120 0 0		No. 9 (Central Provinces)	Ditto.
8	120 0 0		No. 18 (Himalaya)	Ditto.
9	120 0 0		No. 8 (N.-W. P. and Oudh)	Ditto.
10	120 0 0	(b) Burma, R50	No. 7 (Lower Burma)	Ditto.
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

(a) Department of Finance and Commerce, No. 756, dated 11th February 1896.

(b) Financial Resolution No. 5620, dated 25th October 1895.

Names of Administrative and Technical Offices of the Survey of India Department, as they stood on 1st July 1896.

NAME OF OFFICES AND SECTIONS.	Nature of work.	Officer in charge.
Head-Quarters, Calcutta.		
<i>Administrative.</i>		
Surveyor-General's	Accounts, Correspondence	} A. S. G., S. G. O.
Deputy Surveyor-General's, Topo. Branch	Ditto	
Ditto, Rev. Branch	Ditto . . . . .		D. S. G., Rev.
Superintendent of Settlement Surveys in Bengal	Ditto	S. S. S., Bengal.
<i>Technical.</i>		
Drawing	Mapping and Compiling	} A. S. G., D. O.
Engraving	Map engraving by hand	
Lithographic	Mapping, Litho. and Type Printing	} A. S. G., Photo-Litho.
Photozincographic	Reproduction of maps	
Mathematical Instrument	Manufactures and repairs of Instruments	A. S. G., M. I. D.
Map Record and Issue	Receipts and Issues of maps	Dy. Supdt.
Trigonometrical Branch, Dehra Dun.		
<i>Administrative.</i>		
Superintendent's	Accounts, Correspondence	Supdt., Trig. Surveys.
<i>Technical.</i>		
Computing	Reduction of Geodetic operations	Dy. Supdt.
Drawing	Mapping	Ditto.
Meteorological . . . . .	. . . . .	Ditto.
Photozincographic	Reproduction of maps	Ditto.
Printing	Type Printing	Ditto.
Solar Photographic	Solar Photography	Ditto.
Simla.		
<i>Technical.</i>		
Drawing Office	Mapping and Compiling	Asst. Supdt.

Names of Field Parties of the Survey of India Department, as they stood on 1st July 1896.

No. of Party.	Locale of Operations.	Nature of Current Operations.	Administrative Officer.
No. 2	N.-W. P. and Oudh	Traverse	D. S. G., Rev.
„ 3	Upper Burma	Cadastral	Ditto.
„ 4 & 5	Bihar	Ditto	Supdt., Settlement Surveys, Bengal.
„ 6	Assam	Ditto	D. S. G., Rev.
„ 7	Lower Burma	Ditto	Ditto.
„ 8	N.-W. P. and Oudh	Traverse	Ditto.
„ 9	Central Provinces	Ditto	Ditto.
„ 10	Bombay	Topographical	Ditto.
„ 11	Upper Burma	Ditto	D. S. G., Topo.
„ 12	Sind	Ditto	Ditto.
„ 14	Central Provinces	Forests	Supdt., Trig. Surveys.
„ 15	Baluchistan	Topographical	D. S. G., Topo.
„ 17	Bombay	Forests	Ditto.
„ 18	Himalaya	Topographical and Forests	Supdt., Trig. Surveys.
„ 19	Madras	Forests	D. S. G., Topo.
„ 20	Burma	Ditto	D. S. G., Rev.
„ 21	Upper Burma	Topographical	D. S. G., Topo.
„ 22	Asia and Europe	Longitude Observations	Supdt., Trig. Surveys.
„ 23	Ditto ditto	Ditto	Ditto.
„ 24	Upper Burma	Triangulation	Ditto.
„ 25	India	Tide-Registering and Levelling	Ditto.
Detacht.	Baluch-Afghan Delimitation Commission	Geographical and Political	S. G.
„	Perso-Baluch	Ditto	Ditto.
„	Palamu	Cadastral	Supdt., Settlement Surveys, Bengal.
„	Singbhum	Traverse	Ditto ditto.

Disposition List of Officers of the Survey of India Department attached to the Head-Quarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1st July 1896.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Surveyor-General of India.	Colonel Strahan, R.N. C.	. . .	. . . . .	. . .	. . .	Mar. 26, 95	Direction of all Offices and Superintendence of—
Deputy Surveyor-General, in charge Topographical Branch.	Ditto . .	. . .	. . . . .	. . .	. . .	Ditto	No. 11 Party (Upper Burma). No. 12 Party (Sind). No. 15 Party (Baluchistan). No. 17 Party (Bombay Forests). No. 19 Party (Madras). No. 21 Party (Upper Burma). Simla Drawing Office. Detach. Baluch-Afghan Delimitation Commission. " Perso-Baluch Commission.
(Calcutta.)							
Deputy Surveyor-General, in charge Revenue Branch.	Colonel J. E. Sandeman, I.S.C.	. . .	. . . . .	. . .	. . .	Mar. 26, 95	Superintendence of— No. 2 Party (N.-W. P. and Oudh). No. 3 Party (Upper Burma). No. 6 Party (Assam). No. 7 Party (Lower Burma). No. 8 Party (N.-W. P. and Oudh). No. 9 Party (C. P.). No. 10 Party (Bombay). No. 20 Party (Burma).
(Calcutta.)							
Supdt. of Settlement Surveys in Bengal.	Captain R. T. Crichton, I.S.C.	. . .	. . . . .	Offg. D. Sup.	1st	Oct. 19, 95	Superintendence of— Nos. 4 & 5 Parties (Bihar), Palamau Detachment. Singbhum Detachment.
Calcutta)							

Disposition List of Officers of the Survey of India Department attached to the Headquarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1st July 1896—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Superintendent, Trigonometrical Surveys.	Lt.-Col. St. G. C. Gore, R.E.	. . .	. . . . .	Sup.	2nd	May 1, 94	Furlough for 6 months and 2 days from 28th Mar. 96.
(Officiating)	Capt. S. G. Burrard, B.E.	. . .	. . . . .	Offg. Sup.	2nd	May 18, 96	Superintendence of Offices at Dehra and of— No. 14 Party (Central Provinces). No. 18 Party (Himalaya). No. 22 Party (Astro.). No. 23 Party (Astro.). No. 24 Party (Upper Burma). No. 25 Party (Tidal and Levelling).
(Dehra.)		J. Eccles, M.A.	. . . . .	D. Sup.	1st	Apl. 2, 91	In charge Computing.
			H. W. Psychers .	E. A. Sup.	2nd	Sep. 1, 71	Computing.
			A. D. L. Christie .	E. A. Sup.	3rd	May 2, 92	Ditto.
			C. H. McA'Fec. .	E. A. Sup.	3rd	Feb. 1, 85	Drawing Section.
Charge of Drawing and Engraving Offices.	A. E. Spring .	. . .	. . . . .	D. Sup.	2nd	May 9, 96	
			L. J. Pocock .	E. A. Sup.	3rd	July 30, 92	
			J. A. Barker .	E. A. Sup.	4th	June 5, 93	
			G. D. Cusson .	E. A. Sup.	5th	Nov. 1, 93	
			T. Shaw . .	E. A. Sup.	6th	Jan. 1, 96	
			G. Campbell .	E. A. Sup.	6th	Nov. 1, 94	
			W. C. G. Barckley.	E. A. Sup.	6th	Oct. 19, 93	
			S. O. Madras .	S. A. S.	1st	Aug. 7, 94	
			W. H. D. Ewing .	S. A. S.	1st	Nov. 27, 93	
			J. A. Higgs . .	S. A. S.	1st	Nov. 1, 93	
			A. B. Smart . .	S. A. S.	1st	Feb. 4, 96	
			Sarat Chunder Sen.	S. A. S.	2nd	Feb. 1, 96	
(Calcuttn.)							

Disposition List of Officers of the Survey of India Department attached to the Headquarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1st July 1896—concluded.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Assistant Surveyor-General, Surveyor-General's Office, and Mathematical Instrument Office. (Calcutta.)	Colonel M. W. Rogers, B.E.	. . . .	. . . . .	Sup.	1st	May 7, 89	
Assistant Surveyor-General, Photographic and Lithographic Offices. (Calcutta.)	Colonel J. Waterhouse, I.S.C.	. . . .	. . . . .	Sup.	1st	Dec. 1, 86	
		T. Archdale Pope	. . . . .	D. Sup.	1st	Nov. 15, 95	
Charge of Map, Record and Issue Office. (Calcutta.)	A. F. Spring .	. . . .	. . . . .	D. Sup.	2nd	Mar. 23, 96	
Charge of Simla Drawing Office. (Simla.)	G. W. E. Atkinson	. . . .	. . . . .	A. Sup.	1st	Nov. 8, 92	
		Lt. F. W. Pirrie, I.S.C.	. . . . .	Offg. A. S.	1st	June 16, 96	
		T. H. Rendell . .	. . . . .	E. A. Sup.	4th	Jan. 24, 94	
		W. J. Cornelius .	. . . . .	E. A. Sup.	5th	Feb. 1, 90	
		F. E. Warde . .	. . . . .	S. A. S.	2nd	May 1, 90	

**List of Technical and Ministerial Officers of the Survey of India
Department drawing Rs. 100 and above, as it stood on 1st
July 1896.**

NAMES.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
			R a. p.			

HEAD-QUARTERS OFFICES, CALCUTTA.

Correspondence Office.

T. W. Babonau . . .	24 2 44	Registrar . .	400-40-600	Aug. 9, 1861	Sep. 1, 1894	
T. A. Milne . . .	5 8 55	Head Assistant	250-10-300	June 20, 1872	Dec. 1, 1892	
F. A. D'Rozario . . .	3 7 49	Head Clerk . .	200-20-300	Oct. 14, 1874	July 1, 1895	Present pay R290.
C. O. Gray . . .	17 2 61	Ditto . . .	250 0 0	Feb. 5, 1879	July 1, 1894	
H. R. Vallis . . .	16 2 50	Ditto . . .	225 0 0	Mar. 5, 1869	Feb. 1, 1892	
G. C. Walker . . .	23 12 65	Ditto . . .	200 0 0	Dec. 21, 1892	Jan. 1, 1893	Short-drawn R20.
J. A. Vallis . . .	11 8 48	Clerk . . .	175 0 0	Apl. 1, 1871	Dec. 1, 1889	Furlough for six months, from 23rd February 1893.
Kali Pudo Banerjee . .	27 10 39	Do. . . .	125 0 0	Jan. 1, 1859	Sep. 1, 1885	Extension of service to 26th October 1896.
Banee Madhub Banerjee	Apl. 1844	Do. . . .	125 0 0	Mar. 20, 1868	Aug. 1, 1886	
Chui Lal Dey . . .	10 5 56	Do. . . .	125 0 0	May 17, 1878	Sep. 1, 1894	
Doorga Narain Ghose, B.A.	30 11 46	Do. . . .	100 0 0	Apl. 5, 1869	Mar. 1, 1886	
Ram Kristo Chunder . .	30 9 39	Do. . . .	100 0 0	May 14, 1857	Feb. 1, 1889	Extension of service to 20th September 1897.
Rajkrishna Mukerjee . .	11 8 49	Do. . . .	100 0 0	Aug. 11, 1873	Sep. 1, 1894	

Drawing Office.

L. J. Pocock . . .	26 9 43	Chief Draftsman	600 0 0	July 10, 1863	Apl. 1, 1894	
G. D. Cusson . . .	23 9 46	Offg. Head do.	450 0 0	May 8, 1868	Jan. 1, 1896	
J. A. Higgs . . .	18 4 59	Draftsman . .	325 0 0	Mar. 4, 1878	Nov. 1, 1893	

EUROPEAN DRAFTSMEN.

W. Green . . .	10 9 39	Draftsman . .	300 0 0	Jan. 1, 1862	Jan. 1, 1890	Extension of service to 9th September 1896.
A. J. Musgrove . . .	18 2 58	Ditto . . .	250 0 0	Apl. 22, 1877	Dec. 1, 1892	
J. R. Adels . . .	16 3 47	Ditto . . .	200 0 0	Mar. 23, 1866	Sep. 1, 1874	

List of Technical and Ministerial Officers of the Survey of India Department drawing R100 and above, as it stood on 1st July 1896—continued.

NAMEs.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
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HEAD-QUARTERS OFFICES, CALCUTTA—contd.

Drawing Office—concl'd.

EUROPEAN DRAFTSMEN—concl'd.

R. Sinclair	2 12 61	Draftsman	175 0 0	June 1, 1880	Jan. 26, 1895	On deputation, Forest Department, from 20th April 1896.
A. S. Bateman	5 11 57	Ditto	150 0 0	Dec. 6, 1882	Ditto	
N. G. Watson	2 9 74	Ditto	100 0 0	Nov. 1, 1892	Apl. 19, 1895	

NATIVE DRAFTSMEN.

Purna Chunder Sen	15 1 54	Draftsman	120 0 0	July 10, 1877	Apl. 5, 1895	Present pay R90.
Muttayulla	17 8 42	Ditto	100 0 0	Dec. 29, 1862	July 1, 1890	
Abdul Azeez	31 5 43	Ditto	100 0 0	Sep. 1, 1863	June 1, 1894	

Additional Establishment, Drawing Office.

Vacant . . . . .	. . . . .	Draftsman	400 0 0	. . . . .	. . . . .
Vacant . . . . .	. . . . .	Ditto	300 0 0	. . . . .	. . . . .

Engraving Office.

J. Fulford	6 7 43	(a) Head Engraver	800 0 0	Oct. 10, 1872	Apl. 23, 1891	
S. M. Coard	21 8 58	(a)2nd ditto	600 0 0	Feb. 1, 1875	Nov. 9, 1895	Short-drawn R75.
T. B. Rodger	7 9 51	(a)3rd ditto	500 0 0	Aug. 20, 1872	Oct. 7, 1890	Furlough for 2 years out of India from 28th Nov. 1896. Short-drawn R50.
A. W. N. James	21 1 60	(a)4th ditto	450 0 0	Mar. 15, 1878	Nov. 9, 1895	Ditto R25. Offg. 3rd Engraver.
A. B. Coard	3 10 61	(a)5th ditto	400 0 0	Ditto	Ditto	Ditto R25. Offg. 4th Engraver.
E. Earle	21 3 64	(a)6th ditto	350 0 0	May 1, 1880	Ditto	Ditto R50. Offg. 5th Engraver.
E. C. Ollenbach	24 1 61	(a)7th ditto	300 0 0	Aug. 1, 1879	Apl. 23, 1891	Ditto R25.
L. H. Musgrave	7 4 64	(a)8th ditto	250 0 0	July 1, 1882	Nov. 9, 1895	Ditto R25.
F. R. C. Scallan	4 7 70	(b)7th ditto	125 0 0	Aug. 11, 1884	Apl. 23, 1891	Offg. 4th (b) Engraver.
A. T. Vieux	20 5 71	(b)8th ditto	100 0 0	Ditto	Mar. 5, 1894	
W. T. Collins	31 10 58	Copper-plate Printer.	200 0 0	Jan. 6, 1880	Nov. 9, 1895	
Abdul Wahid	5 1 48	1st Native Engraver.	110 0 0	Aug. 1, 1869	Dec. 1, 1890	
Joy Krishto Shaw	4 10 48	2nd ditto	100 0 0	Ditto	Aug. 1, 1883	

(a) Under scheme of 1880
(b) Under scheme of 1895.

*List of Technical and Ministerial Officers of the Survey of India Department drawing
₹100 and above, as it stood on 1st July 1896—continued.*

NAMES.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
			R a. p.			

HEAD-QUARTERS OFFICES, CALCUTTA—contd.

Photographic and Lithographic Office.

NORMAL ESTABLISHMENT.

Lithographic Drawing Section.

H. L. Lepage . . .	16 5 43	Head Assistant	400-30-550	July 15, 1871	Sep. 1, 1895	
E. Dowling . . .	18 3 68	Head Draftsman.	100-10-200	Aug. 1, 1884	Apl. 1, 1896	Present pay R130.
Ambica Churn Mukerjee	1 1 54	Draftsman .	120 0 0	July 10, 1878	Ditto.	
Abdool Hamid . . .	Jan. 1841	Examiner .	100 0 0	Apl. 1, 1865	May 1, 1896	Short-drawn R16.

Lithographic and Zincographic Printing Section.

E. A. LeFranc . . .	12 12 56	Head Printer .	350 0 0	Nov. 15, 1876	May 1, 1896	
D. Deas	9 9 55	Chromo-Litho. Printer.	225-15-330	Nov. 29, 1883	Apl. 10, 1895	Furlough from 17th April 1894 to 9th April 1895.
E. U. Ravenscroft .	21 2 69	Asst. ditto .	75-10-125	Aug. 1, 1884	Apl. 1, 1896	Present pay R115.
J. Andrews	27 3 66	Machine Printer.	75-10-125	Nov. 1, 1892	July 1, 1896	Ditto R85.
Vacant . . . . .	. . . . .	Asst. Zincographer.	75-10-125	. . . . .	. . . . .

Type Printing Section.

E. D'Pyvah	15 3 50	Head Printer .	150 0 0	Aug. 1, 1868	Apl. 1, 1894	
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Photographic, Negative, and Printing Section.

J. Harrold	24 5 35	Photographer .	145-15-330	Mar. 19, 1873	Mar. 8, 1893	Extension of service up to 24th May 1897.
C. J. Mondo	28 4 68	Asst. ditto .	75-15-150	Aug. 1, 1884	Apl. 1, 1896	Present pay R135.
F. U. Murphy	30 9 73	Ditto .	50-10-100	Apl. 3, 1893	Apl. 3, 1893	Ditto R60.

Heliogravure Section.

A. W. Turner	19 10 53	Photo-Engraver.	300-20-400	May 1, 1885	May 1, 1890	
J. T. Meade	29 12 69	Asst. ditto .	100-10-200	Aug. 1, 1884	Apl. 1, 1896	Ditto R130.

Correspondence, Stores, and Account Section.

Vacant . . . . .	. . . . .	Store-keeper .	100-20-200	. . . . .	. . . . .
Kanny Lall Sen . . .	27 5 52	Head Clerk and Acctt.	100 0 0	May 26, 1873	Mar. 8, 1893	

List of Technical and Ministerial Officers of the Survey of India Department drawing R100 and above, as it stood on 1st July 1896—continued.

NAMES.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
			R. a. p.			

HEAD-QUARTERS OFFICES, CALCUTTA—concl'd.

Photographic and Lithographic Office—concl'd.

CADASTRAL ESTABLISHMENT.

Photographic Section.

H. Haward	10 2 50	Head Photo. Asst.	400-20-500	Nov. 16, 1883	Nov. 16, 1892	Furlough from 26th February 1894 to 8th January 1896.
R. George	5 5 46	Photographer .	145-15-330	Feb. 1, 1876	Mar. 8, 1893.	
L. Lagnier	1 7 50	Ditto .	150-10-200	Ditto .	Ditto.	
T. Lloyd	7 11 54	Ditto .	150-10-200	July 16, 1873	Apr. 1, 1896	Present pay R180.

Zinc Printing Section.

J. B. Mackenzie	16 4 65	Zincographer .	145 to 330	Oct. 15, 1880	May. 1, 1896	Inclusive of house-rent, Present pay R145.
F. R. Vandyke	28 9 65	Ditto .	145 to 330	Aug. 1, 1889	Aug. 1, 1894	Inclusive of house-rent. Present pay R200.
P. Michael	31 8 70	Asst. ditto .	75-10-125	Sep. 1, 1884	Apr. 1, 1896	Ditto R115.

Mathematical Instrument Office.

WORKSHOP SECTION.

T. Bolton, F.R.A.S., London.	11 1 45	Mathematical Instrument-maker.	600-30-750	Sep. 16, 1867	Nov. 11, 1879	Personal allowance R100.
T. R. Theakston	26 12 68	Assistant Mathematical Instrument-maker.	350-30-500	Oct. 10, 1892	Nov. 1, 1895	Present pay R410.

CORRESPONDENCE SECTION.

W. Campagnac	21 9 58	Head Clerk .	150-10-200	Apr. 1, 1882	Jan. 1, 1896	Furlough to Europe for 12 months, from 12th April 1892.
W. R. Tulloch	1 10 69	2nd ditto .	75-5-100	Apr. 1, 1888	Ditto	Present pay R65.

STORE SECTION.

M. C. Delletty	15 4 53	Store-keeper .	150 0 0	Apr 15, 1878	Jan. 1, 1895	
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List of Technical and Ministerial Officers of the Survey of India Department drawing R100 and above, as it stood on 1st July 1896—concluded.

NAMES.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
			R a. p.			

**TRIGONOMETRICAL BRANCH OFFICE,
DEHRA DUN.**

Computing Section.

Amba Prasad . . .	3 7 45	Computer .	150 0 0	July 26, 1865	Aug. 1, 1894	Short-drawn R10.
Shoshi Bhooshun Shome	13 7 49	Ditto .	130 0 0	Apr. 15, 1872	Sep. 1, 1892	
Shiv Nath Saha . . .	30 9 50	Ditto .	130 0 0	Nov. 26, 1873	Sep. 1, 1892	
Umbica Churn Shome .	1 7 43	Ditto .	110 0 0	Feb. 8, 1867(a)	Mar. 1, 1896	(a) Date of appointment to Educational Department. Joined Computing Office, Survey of India, 10th April 1868.

Photoinco Section.

J. S. Manuel . . .	30 4 51	Zincographer	250 0 0	July 16, 1889	May 1, 1895	Short-drawn R70.
G. A. LeFranc . . .	27 4 67	Asst. ditto	175 0 0	Aug. 1, 1881	May 7, 1895	Ditto R40.
Mizaji Lal . . .	31 1 50	Accountant .	140 0 0	Feb. 14, 1872	Mar. 1, 1896	

Correspondence Section.

J. Burbridge . . .	18 10 50	Head Clerk .	150-20-250	Jan. 16, 1879	Dec. 1, 1892	Present pay R210.
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Solar Photographic Section.

C. F. Guthrie . . .	15 3 61	Asst. Solar Photographer.	150 0 0	Nov. 1, 1880	Mar. 1, 1893	
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DRAWING OFFICE, SIMLA.

H. Sindon . . .	3 12 48	Draftsman .	155 0 0	Jan. 1, 1865	Oct. 1, 1894	
Jafir Khan . . .	1 3 50	Ditto .	100 0 0	Dec. 1, 1862	Nov. 1, 1893	
F. Rozario . . .	23 3 50	Surveyor .	110 0 0	May 28, 1873	Nov. 1, 1893	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
2	N.-W. P. and Oudh (Traverse).	D.S.G. Rev.	Capt. J. M. Fleming, i.s.o.	D. Sup.	1st	Dec. 24, 95
			W. S. Buttress	E. A. Sup.	2nd	Nov. 17, 95
			G. E. Parker	E. A. Sup.	5th	Oct. 1, 95
			F. B. Powell	S. A. S.	1st	Oct. 13, 95
			C. H. G. Johnson	S. A. S.	2nd	Oct. 19, 95
			A. H. Peychers	S. A. S.	3rd	Nov. 17, 95
Recess quarters, Mussoorie.			Permanent Establishment			
			Temporary ditto			
3	Upper Burma (Cadastral).	D.S.G. Rev.	G. H. Cooke	Sup.	2nd	Dec. 14, 94
			E. G. Little	E. A. Sup.	3rd	Nov. 1, 95
			J. Connor	E. A. Sup.	4th	Feb. 1, 90
			G. C. Swiney	E. A. Sup.	5th	Jan. 1, 95
			C. W. Wilson	E. A. Sup.	5th	Dec. 1, 93
			A. George	S. A. S.	1st	Nov. 1, 5
			P. J. Serrao	S. A. S.	1st	Nov. 1, 90
			W. J. Baker	S. A. S.	2nd	Jan. 25, 88
			O. C. Ollenbach	S. A. S.	2nd	Oct. 1, 92
			W. Newland	S. A. S.	2nd	Sep. 11, 93
			Himansu Kumar Roy	S. A. S.	3rd	Nov. 29, 95
Recess quarters, Mandalay			Permanent Establishment			
			Temporary ditto			

Department attached to Field Parties, 1st July 1896.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1896-97.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
						On probation.
16	7	10	1	7	81,550	
16	17	537	. . . .	. . . .
						On probation.
20	15	279	1	13	2,92,200	
165	106	660	. . . .	27		

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
4 & 5	Bihar (Cadastral.)	Supdt. Settlement Sys., Bengal.	Lieut. C. W. H. Symonds, I.S.O.	A. Sup.	1st	Oct. 1, 94
			H. T. Hanby	E. A. Sup.	3rd	May 1, 70
			R. B. Smart	E. A. Sup.	4th	Oct. 1, 94
			J. McHatton	E. A. Sup.	5th	Oct. 1, 95
			G. T. Hall	E. A. Sup.	5th	Oct. 1, 95
			A. W. Smart	E. A. Sup.	5th	Oct. 1, 94
			C. S. Kraal	E. A. Sup.	6th	Oct. 1, 93
			E. F. Berkeley	S. A. S.	1st	Sept. 1, 95
			C. G. Lee	S. A. S.	1st	Oct. 1, 93
			C. S. Gasper	S. A. S.	2nd	Oct. 1, 94
			Nilmoni Chatterjee	S. A. S.	2nd	Oct. 1, 95
			H. H. B. Hanby	S. A. S.	2nd	Oct. 1, 92
			P. K. Vaughan	A. S.	2nd	Oct. 1, 95
			Recess quarters, Mussoorie			Permanent Establishment
			Temporary ditto			
6	Assam (Cadastral.)	D. S. G. Rev.	E. C. Barrett	Sup.	2nd	Nov. 3, 95
			W. H. Penrose	E. A. Sup.	5th	June 5, 93
			F. S. Bell	S. A. S.	1st	Nov. 1, 94
			Recess quarters, Shillong			Permanent Establishment
			Temporary ditto			
7	Lower Burma (Cadastral.)	D. S. G. Rev.	B. G. Gilbert-Cooper	D. Sup.	2nd	Nov. 27, 95
			W. C. Price	E. A. Sup.	3rd	Dec. 1, 92
			G. W. Jarbo	E. A. Sup.	5th	Nov. 1, 80
			J. S. Swiney	E. A. Sup.	5th	Oct. 1, 95
			J. Murphy	E. A. Sup.	6th	Nov. 1, 91
			M. Gastaud	S. A. S.	1st	Oct. 1, 91
			T. W. Babonau (Jr.)	S. A. S.	1st	June 5, 95
			Amar Singh	S. A. S.	2nd	Nov. 1, 93
			Abinash Chunder Bose	S. A. S.	3rd	Oct. 28, 95
			Recess quarters, Rangoon.			Permanent Establishment
			Temporary ditto			

attached to Field Parties, 1st July 1896—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1896-97.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
17	11	44	4	33	3,77,540	
1,103	79	1,864	...	41		
8	7	130	1	...	41,080	
120	40	300	...	...
4	7	115	1	16	2,01,500	On probation.
78	53	685	...	...

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
8	N.-W. P. and Oudh (Traverse.)	D. S. G. Rev.	J. S. Pemberton	Offg. D. S.	2nd	Nov. 1, 94
			W. J. O'Sullivan	E. A. Sup.	3rd	Nov. 1, 94
			G. Ras	S. A. S.	2nd	Dec. 1, 94
			P. Williams	S. A. S.	3rd	Oct. 25, 95
			P. L. Causley	S. A. S.	3rd	Nov. 11, 95
	Recess quarters, Nainital		Permanent Establishment			
			Temporary ditto			
9	Central Provinces (Traverse.)	D. S. G. Rev.	E. J. Jackson	Sup.	2nd	Nov. 17, 93
			H. Dowman	E. A. Sup.	2nd	Nov. 1, 85
			P. A. Peters	E. A. Sup.	6th	Mar. 24, 95
			C. George	S. A. S.	1st	Nov. 1, 95
			J. Donaghey	S. A. S.	3rd	Oct. 26, 95
	Recess quarters, Kamptee.		Permanent Establishment			
			Temporary ditto			
10	Bombay (Topo.)	D. S. G. Rev.	Lt. A. J. Pilcher, B.E.	Offg. D. S.	2nd	Sep. 3, 95
			A. J. Gibson	E. A. Sup.	1st	Nov. 26, 93
			R. E. Dickinson	E. A. Sup.	6th	May 1, 86
			J. A. Freeman	S. A. S.	2nd	Nov. 23, 91
	Recess quarters, Poona					
11	Upper Burma (Topo.)	D. S. G. Topo.	Capt. T. F. B. Renny-Tailyour, B.E.	D. Sup.	1st	Dec. 1, 94
			Lieut. W. M. Coldstream, B.E.	A. Sup.	1st	Nov. 6, 95
			P. J. W. Doran	E. A. Sup.	5th	May 12, 90
			W. M. Kelly	E. A. Sup.	6th	Oct. 1, 92
			H. G. Shaw	S. A. S.	2nd	Oct. 1, 92
	Recess quarters, Bangalore					
12	Sind (Topo.)	D. S. G. Topo.	Capt. G. B. Hodgson, I.S.C.	Offg. Sup.	2nd	Oct. 28, 95
			A. G. Wyatt	E. A. Sup.	2nd	Nov. 1, 95
			G. G. Vander-Beek	E. A. Sup.	5th	Oct. 28, 95
			R. F. Warwick	S. A. S.	1st	Nov. 1, 95
			J. Smith	S. A. S.	1st	Oct. 29, 95
			J. P. Walsh	S. A. S.	1st	Nov. 1, 95
	Recess quarters, Karachi.					

attached to Field Parties, 1st July 1896--continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1896-97.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
						On probation.
10	7	39	2	8	89,840	
	52	666		1		
						On probation.
12	17	20	3	15	79,500	
	29	180				
28	1	178		6	63,080	
12	1	128	1	6	1,04,460	
28	9	221		14	81,670	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
14	Central Provinces (Topo. Forests.)	Supdt., Trig.	C. F. Erskine	D. Sup.	2nd	May 12, 96
			J. Keating	E. A. Sup.	6th	Oct. 1, 89
			B. R. Hughes	S. A. S.	1st	Apl. 25, 96
			Rahmatulla	S. A. S.	2nd	Oct. 1, 92
			J. O. Greiff	S. A. S.	2nd	Nov. 13, 91
			M. C. Petters	S. A. S.	3rd	Nov. 1, 95
Recess quarters, Mussoorie						
15	Baluchistan (Topo.)	D. S. G. Topo.	T. E. M. Claudius	E. A. Sup.	4th	Oct. 1, 83
			E. A. Wainright	E. A. Sup.	4th	Oct. 1, 89
			G. A. Knight	E. A. Sup.	6th	Nov. 1, 95
			G. P. Tate	E. A. Sup.	6th	Oct. 16, 95
			Yusef Sharif, Khan Bahadur	S. A. S.	1st	Apl. 1, 89
			Rai Hira Singh Bahadur	S. A. S.	1st	Nov. 1, 95
			Imam Sharif, Khan Bahadur	S. A. S.	2nd	May 5, 93
Recess quarters, Quetta						
17	Bombay (Topo. Forests.)	D. S. G. Topo.	Bt.-Major W. J. Bythell, R.E.	Offg. D. S. P.	1st	May 21, 96
			C. E. Tapsell	E. A. Sup.	4th	Nov. 13, 93
			S. F. Norman	E. A. Sup.	6th	Sep. 1, 74
			C. A. Norman	E. A. Sup.	6th	Oct. 12, 74
Recess quarters, Poona						

attached to Field Parties, 1st July 1896—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1896-97.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
						On probation.
43	5	520	1	12	97,900	
						In charge Survey Detachment with Baluch-Afghan Delimitation Commission.
20	1	95	1	6	1,14,580	
45	1	49		7	76,000	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
18	Himalaya (Topo.)	Supdt. Trig.	C. D. Potter	E. A. Sup.	4th	Nov. 1, 87
			W. Robert	E. A. Sup.	5th	Sep. 1, 78
			W. A. Fielding	E. A. Sup.	6th	Oct. 1, 87
			B. Waller-Senior	S. A. S.	1st	Oct. 1, 89
			W. M. Gorman	S. A. S.	2nd	Sep. 19, 93
			E. J. Biggie	S. A. S.	3rd	Oct. 24, 95
Recess quarters, Simla						
19	Madras (Topo. Forests.)	D. S. G. Topo.	Lt. C. H. D. Ryder, R.N.	Offg. D. Sup.	2nd	July 8, 95
			C. F. Hamer	E. A. Sup.	3rd	Nov. 1, 87
			Hugh Todd	E. A. Sup.	4th	Oct. 1, 76
			R. Todd	E. A. Sup.	5th	Oct. 1, 84
			J. H. S. Wilson	S. A. S.	3rd	Nov. 1, 93
			M. J. Sheehan	S. A. S.	3rd	Oct. 30, 95
Recess quarters, Bangalore.						
20	Burma (Topo. Forests.)	D. S. G. Rev.	Capt. P. J. Gordon, R.S.G.	Offg. D. Sup.	1st	Nov. 1, 94
			W. A. Wilson	E. A. Sup.	1st	Nov. 15, 90
			P. White	E. A. Sup.	6th	Nov. 1, 93
			A. Ewing	S. A. S.	1st	Nov. 1, 89
			H. A. Charrier	S. A. S.	2nd	Nov. 1, 89
			Recess quarters, Bangalore			
21	Upper Burma (Topo.)	D. S. G. Topo.	Major F. D. Longe, R.N.	Sup.	2nd	Apr. 16, 98
			Lt. C. L. Robertson, R.N.	A. Sup.	1st	Dec. 2, 95
			A. J. Wilson	E. A. Sup.	1st	Nov. 1, 94
			A. J. James	E. A. Sup.	4th	Nov. 1, 93
			W. F. E. Adams	S. A. S.	2nd	Oct. 21, 91
			Recess quarters, Bangalore			

attached to Field Parties, 1st July 1896—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1896-97.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	In charge.
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	On probation.
26	20	182	1	23	82,220	
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	On probation.
32	2	261	. . . . .	17	78,360	
27	4	594	2	9	1,18,200	
15	3	102	1	6	1,05,990	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
22	Asia and Europe (Astronomical.)	Supdt. Trig.	Capt. S. G. Burrard, B.N.	Offg. Sup.	2nd	Nov. 2, 91
	Recess quarters		Aulad Hussein	S. A. S.	2nd	Nov. 13, 91
23	Asia and Europe (Astronomical.)	Supdt. Trig.	Capt. S. G. Burrard, B.N.	Offg. Sup.	2nd	May. 28, 88
	Recess quarters					
24	Upper Burma (Triangulation.)	Supdt. Trig.	Capt. J. M. Burn, B.N.	Offg. D. Sup.	2nd	Oct. 12, 91
			Lt. H. A. D. Fraser, B.N.	Offg. D. Sup.	2nd	Aug. 21, 88
			J. Hinkle	E. A. Sup.	5th	Oct. 1, 88
			P. F. Prunty	E. A. Sup.	6th	Sep. 15, 88
	Recess quarters, Mussoorie					
25	India (Tidal and Levelling.)	Supdt. Trig.	Lt. C. C. D. Morice, B.N.	Offg. D. Sup.	2nd	Nov. 11, 91
			G. P. Belcham	E. A. Sup.	2nd	Sep. 1, 79
			E. J. Connor	E. A. Sup.	4th	Dec. 1, 77
			J. Bond	E. A. Sup.	4th	June 1, 88
	Recess quarters, Poona					
Detacht.	Palamanu (Cadastral.)	Supdt., Settlement Sys., Bengal.	L. F. Berkeley	E. A. Sup.	6th	Oct. 1, 88
	Recess quarters, Palamanu					
						Temporary ditto
Detacht.	Singbhum (Traverse.)	Supdt., Settlement Sys., Bengal.	J. P. Barker	S. A. S.	1st	Jan. 1, 88
	Recess quarters, Mussoorie					Temporary ditto

attached to Field Parties, 1st July 1896—concluded.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1896-97.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants	Burkundazes and Peons.		
...	...	16	...	...	26,200	
...	...	...	...	...	...	In addition to charge of No. 22 party.
...	1	4	...	...	27,200	
...	6	172	2	17	97,470	
6	13	29	...	7	66,860	
2	1	2	...	1	7,810	
8	10	109	...	1		
2	...	...	...	12	5,070	
6	9	104	...	6		

Disposition List of Officers of the Survey of India Department temporarily transferred or on furlough, etc., 1st July 1896.

Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Govt. or Dept. to which transferred.	REMARKS.
<i>On Deputation.</i>					
Col. T. H. Holdich, C.B., O.I.S., B.E.	. . . . .	Sup.	1st	Foreign.	
W. H. Reynolds	. . . . .	Offg. Sup.	2nd	Forest Department.	
G. B. Scott	. . . . .	D. Sup.	1st	N.-W. Provinces.	
E. F. Litchfield	. . . . .	Offg. D. Sup.	1st	Forest Department.	
	J. H. O'Donel	E. A. Sup.	4th	Assam.	
	T. H. Dunne	E. A. Sup.	4th	Central Provinces.	
	B. C. D. Ewing	E. A. Sup.	4th	Bengal.	
	J. R. Scott	E. A. Sup.	5th	Central Provinces.	
	C. P. Torrens	E. A. Sup.	5th	Burma.	
	E. P. S. Hill	E. A. Sup.	6th	Central Provinces.	
	T. S. Marten	E. A. Sup.	6th	Forest Department.	
	J. Marten	E. A. Sup.	6th	Ditto.	
	J. M. Kennedy	E. A. Sup.	6th	Slam.	
	P. C. H. Smart	S. A. S.	1st	N.-W. Provinces.	
	O. D. Smart	S. A. S.	1st	Ditto.	
	P. Beechey	S. A. S.	1st	Burma.	
	N. Bedford	S. A. S.	1st	N.-W. Provinces.	
	A. Desoubes	S. A. S.	1st	Forest Department.	
	W. E. Johnson	S. A. S.	1st	Burma.	
	W. Skilling	S. A. S.	1st	N.-W. Provinces.	
	J. A. T. Haddock	S. A. S.	2nd	Burma.	
	J. H. Murphy	S. A. S.	2nd	Ditto.	
	C. G. S. Wood	S. A. S.	2nd	Ditto.	
	J. H. Nichol	S. A. S.	2nd	Forest Department.	
	C. Litchfield	S. A. S.	2nd	Ditto.	
	H. W. Bliggie	S. A. S.	2nd	Burma.	
	H. B. Powell	S. A. S.	2nd	Ditto.	
<i>On Furlough, etc.</i>					
Col. R. G. Woodthorpe, C.B., B.E.	. . . . .	Sup.	2nd	. . . . .	For 2 years, from 16th September 1895.
Lt.-Col. St. G. C. Gore, B.E.	. . . . .	Sup.	2nd	. . . . .	For 6 months and 2 days from 28th March 1896.
Lt.-Col. J. B. Hobday, I.S.O.	. . . . .	Sup.	2nd	. . . . .	For 1 year, from 26th January 1896.
Bt. Lt.-Col. R. A. Wabab, B.E.	. . . . .	D. Sup.	1st	. . . . .	For 1 year, from 28th June 1896.
Capt. B. J. H. L. Mackenzie B.E.	. . . . .	D. Sup.	2nd	. . . . .	For 1 year, from 1st July 1895.
Capt. G. P. Lenox-Conyng- ham, B.E.	. . . . .	D. Sup.	2nd	. . . . .	For 1 year, from 28th May 1896.
	W. Stotesbury	E. A. Sup.	4th	. . . . .	For 2 years, from 26th May 1896.

STATEMENT OF SERVICES
OF
OFFICERS IN THE SURVEY OF INDIA.
IMPERIAL SERVICE.

Corrected up to 1st July 1896.

Atkinson, George William Elliot.—Joined the service, 1st August 1859.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dún .	Sub-Asst., 3rd class, Great Trigonometrical Survey, attached to the Office of the Supdt., Great Trigl. Survey of India	1st Aug. 1859	.....	...
Dehra Dún and Kashmir.	Sub-Asst., 3rd class, Kashmir Series	1st Feb. 1860	.....	...
Punjab and Dehra Dún.	Sub-Asst., 3rd class, Gurhagarh Meridional Series	1st Nov. 1860	.....	...
Central India and Mussoree.	Ditto ditto Rahun Meridional Series	1st Mar. 1862	.....	...
Ditto .	Sub-Asst., 2nd class, ditto	18th Mar. 1862	.....	...
<i>Privilege leave for 3 months, from 1st May 1863.</i>				
Calcutta .	Sub-Asst., 2nd class, Astronomical Party No. 1	1st June 1863	.....	...
Eastern Bengal and Calcutta.	Sub-Asst., 2nd class, East Calcutta Longitudinal Series	1st Feb. 1864	.....	...
<i>Privilege leave for 1 month, from 14th September 1864.</i>				
Calcutta and Mussoree.	Sub-Asst., 2nd class, Astronomical Party No. 1	1st Nov. 1864	.....	...
Central Provinces and Mussoree.	Sub-Asst., 1st class, Astronomical Party No. 1	1st Dec. 1864	.....	...
Ditto .	Sub-Asst., 2nd grade, Astronomical Party No. 1	1st Apl. 1866	.....	...
<i>Privilege leave for 1 month, from 1st September 1866.</i>				
Kumaon and Mussoree.	Sub-Asst., 2nd grade, Kumaon and Garhwal Party	1st Jan. 1867	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 22 days, from 15th September 1867.</i>				
Kumaon and Mussooree.	Sub-Asst., 1st grade, Kumaon and Garhwal Party . . .	1st Sept. 1868	.....	...
Ditto .	Asst. Surveyor, 1st grade, Kumaon and Garhwal Party .	1st Sept. 1869	.....	...
Mussooree and Dehra Dún .	Ditto ditto	...	Personl. Asst. to Supdt., Great Trigl. Survey	1st Apl. 1870.
Ditto .	Surveyor, 4th grade . . .	1st Apl. 1871.	Ditto ditto	...
Dehra Dún .	Ditto ditto. Dehra Drawing Office . . .	1st Sept. 1871	.....	...
<i>Privilege leave for 2 months, from 25th August 1873.</i>				
Dehra Dún .	Surveyor, 3rd grade, Dehra Drawing Office . . .	1st Jan. 1874	.....	...
<i>Privilege leave for 10 days, from 1st July 1878.</i>				
<i>Privilege leave for 3 months (on medical certificate), from 17th March 1879.</i>				
Dehra Dún .	Surveyor, 2nd grade, Dehra Drawing Office . . .	7th Jan. 1881	.....	...
Ditto .	Ditto, 1st grade, ditto	10th Nov. 1884	.....	...
<i>Privilege leave for 1 month and 15 days, from 16th September 1885.</i>				
<i>Privilege leave for 2 months (on medical certificate), from 21st June 1888.</i>				
Simla .	Surveyor, 1st grade, Simla Drawing Office . . .	1st Feb. 1890	.....	...
Ditto .	Extra Asst. Supdt., 1st grade, Simla Drawing Office . . .	18th Aug. 1892	.....	...
Ditto .	Asst. Supdt., 2nd grade, in charge Simla Drawing Office.	8th Nov. 1892	.....	...
Ditto .	Ditto ditto . . .	...	Asst. Supdt., 1st grade	25th Apl. 1893.
Ditto .	Ditto, attached to ditto .	14th Aug. 1893	Ditto ditto .	...
Ditto .	Ditto ditto . . .	30th Oct. 1893	.....	...
Ditto .	Ditto, in charge ditto .	16th Nov. 1893	.....	...
Ditto .	Ditto, attached to ditto .	13th Apl. 1894	.....	...
Ditto .	Ditto ditto . . .	...	Asst. Supdt., 1st grade	8th May 1894.
Ditto .	Ditto ditto . . .	30th Nov. 1894	.....	...
Ditto .	Ditto ditto . . .	...	Asst. Supdt., 1st grade	20th Mar. 1895.
<i>Privilege leave for 3 months, from 9th December 1895.</i>				
Simla .	Asst. Supdt., 1st grade, attached to Simla Drawing Office . . .	25th Dec. 1895	.....	...

Barrett, Edwin Clifford.—Joined the service, 18th November 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind . . .	Proby. Asst. Surveyor, Revenue Survey	18th Nov. 1862	.....	...
Ditto . . .	Sub-Asst. Surveyor, 3rd class .	1st Jan. 1864	.....	...
Chanda, C. P.	Ditto ditto	1st Feb. 1865	.....	...
Ditto . . .	Asst. Supdt., 2nd grade	30th Dec. 1868	.....	...
<i>Leave on medical certificate for 1 month, from 20th June 1869.</i>				
Chanda, C. P..	Asst. Supdt., 2nd grade	20th July 1869	.....	..
Raipore, C. P..	Ditto ditto	1st Nov. 1869	.....	..

On special duty, Lushai Expeditionary Force, from 1st November 1871 to 10th March 1872.

...	Asst. Supdt., 2nd grade . . . . .	...	Asst. Supdt., 1st grade	30th Dec. 1871.
...	Ditto ditto	4th Mar. 1872	.....	...
Calcutta . .	Ditto, on special duty	1st May 1872	.....	...
Bahawalpur .	Ditto, 2nd grade	1st June 1872	.....	...
N.-W. P. and Oudh	Ditto ditto	1st Oct. 1872	.....	...
Ditto	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	6th July 1873.
Ditto	Ditto ditto	5th Nov. 1873	.....	...
Ditto	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	1st Dec. 1873.
Ditto	Ditto ditto	15th Jan. 1874	.....	...
Khurda, Orissa . . .	Ditto ditto	1st Nov. 1876	.....	...
Ditto	Ditto, in charge Khurda Survey	22nd July to 12th Nov. 1877	.....	...
Ditto	Asst. Supdt., 2nd grade, ditto	...	Asst. Supdt., 1st grade	1st Apl. 1878.
Cuttack Orissa . . .	Ditto, in charge Cuttack Survey	23rd May 1878	Ditto ditto . . . . .	...
Jaunpur, N.-W. Provs.	Asst. Supdt., 2nd grade, 6th Divn. Survey	1st Dec. 1878	Ditto ditto . . . . .	...
Ghazipore . .	Ditto, 4th Divn. Survey	20th July 1879	Ditto ditto . . . . .	...
Ditto	Ditto, in charge ditto	4th Aug. to 3rd Nov. 1879	.....	...
Bassein, British Burma	Asst. Supdt., 2nd grade, 8th Divn., Bassein Survey	11th Nov. 1879	Asst. Supdt., 1st grade	...

Furlough to Europe for 1 year 10 months and 17 days, from 27th August 1880.

...	Asst. Supdt., 1st grade	1st July 1882	.....	...
Calcutta . .	Ditto, on duty, Hd.-qrs. Office	24th July 1882	Dy. Supdt., 4th grade	24th July 1882.
Burma	Asst. Supdt., 1st grade	1st Nov. 1882	Ditto ditto . . . . .	...
Calcutta . .	Ditto, in charge Hooghly River Survey	25th July 1883	Ditto ditto . . . . .	...
Assam	Asst. Supdt., 1st grade, in charge No. 6 Party	1st Nov. 1883	Ditto ditto . . . . .	..
Ditto	Dy. Supdt., 4th grade	1st Oct. 1884	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	16th Mar. 1886.

Privilege leave for 3 months, from 5th July 1886.

Assam	Dy. Supdt., 4th grade	5th Oct. 1886	Dy. Supdt., 3rd grade	...
Ditto	Ditto, 3rd grade	5th May 1889	.....	...

Privilege leave for 2 months and 28 days, from 1st July 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam .	Dy. Supdt., 3rd grade . . .	29th Sept. 1889	.....	...
Ditto .	Ditto ditto . . .	...	Dy. Supdt., 2nd grade	4th Nov. 1890,
Ditto .	Ditto ditto . . .	18th Nov. 1890	.....	...
Ditto .	Ditto ditto . . .	...	Dy. Supdt., 2nd grade	14th Mar. 1891.
Ditto .	Ditto, 2nd grade (<i>sub. pro tem.</i>) . . .	13th Oct. 1891	.....	...
<i>Privilege leave for 2 months and 29 days, from 27th June 1892.</i>				
Assam .	Dy. Supdt., 2nd grade (confirmed) . . .	1st July 1892	.....	...
Ditto .	Supdt., 2nd grade . . .	18th Aug. 1892	.....	...
Ditto .	Ditto, in charge No. 6 Party (Assam) . . .	10th Oct. 1892	.....	...
<i>Furlough for 5 months and 27 days, from 3rd May 1893.</i>				
Assam .	Supdt., 2nd grade, in charge No. 6 Party (Assam) . . .	6th Nov. 1893	.....	...
Ditto .	Ditto ditto . . .	...	Supdt., 1st grade .	20th Apl. 1895.
<i>Furlough from 30th April to 23rd October 1895.</i>				
Assam .	Supdt., 2nd grade, in charge No. 6 Party (Assam) . . .	3rd Nov. 1895	.....	...

War Services.—Served with the right column, Lushai Expeditionary Force, in 1871-72—Medal and clasp, and received the thanks of the Government of India.

Burn, Captain James Montague, R.E.—Joined the service, 17th February 1886, arrived, 28th March 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieut., Royal Engineers . . .	17th Feb. 1886	.....	...
...	Posted to the Indian Establishment . . .	23rd Feb. 1888	.....	...
Lucknow .	Asst. Engr., 2nd grade, Military Works Dept. . . .	4th Apl. 1888	.....	...
Madras .	Ditto, P. W. Dept., State Rys.	8th Oct. 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan and Quetta.	Asst. Engr., 2nd grade, Zho Survey	31st Oct. 1890	.....	...
Mussooree	Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party	17th May 1891	.....	...
Ditto	Ditto ditto, attached to No. 24 Party (Upper Burma)	12th Oct. 1891	...	...
Burma	Ditto ditto	...	Asst. Supdt., 1st grade	1s Apl. 1892.
<i>Privilege leave for 3 months, from 13th July 1892.</i>				
Ditto	Asst. Supdt., 2nd grade, attached to No. 24 Party (Upper Burma).	11th Oct. 1892	Asst. Supdt., 1st grade	...
Ditto	Ditto, ditto in charge ditto	6th May 1893	Ditto ditto	...
Ditto	Ditto, 1st grade, in charge ditto	3rd Dec. 1893	.....	...
<i>Elected for continuous Indian service, 1st March 1894.</i>				
<i>Special Examination leave, from 1st to 17th October 1894.</i>				
Assam	Asst. Supdt., 1st grade, in charge No. 24 Party (Upper Burma)	...	Dy. Supdt., 2nd grade	28th Apl. 1895.
<i>Promoted to Captain, 9th April 1896.</i>				

Barrard, Captain Sidney Gerald, R.E.—Joined the service, 6th April 1879 ; arrived 10th January 1883.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers	6th Apl. 1879	.....	...
...	Joined at Chatham	2nd June 1879	.....	...
...	Asst. Secy. to Ordnance Committee for Gunnery Experiments	3rd Apl. 1881	.....	...
...	Posted to the Indian Establishment	8th Dec. 1882	.....	...
...	Attached to Bengal Sappers and Miners	10th Jan. 1883	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Quetta	Attached to P. W. D., Military Works, Baluchistan	24th Mar. 1883	.....	...
Ditto	Personal Asst. to Supdg. Engineer and Secy. to Governor General's Agent for Baluchistan	2nd Apl. 1883	.....	...
Dahra	Asst. Supdt., 2nd grade, Trigonometrical Branch Office	2nd Sept. 1884	Asst. Supdt., 1st grade	2nd Sept. 1884.
...	Ditto Astronomical No. 1 Party (Electro-Longitude Operations)	9th Oct. 1885	.....	...
...	Ditto ditto in charge	24th Jan. 1886	.....	...
...	Asst. Supdt., 1st grade, in charge ditto	10th Mar. 1886	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	21st Mar. 1886.
...	Ditto ditto and in charge Astronomical No. 2 Party	15th Oct. 1886	Ditto ditto	...
...	Ditto ditto	14th May 1887	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	15th May 1887.
...	Ditto ditto	24th Oct. 1887	.....	...
<i>Made over charge of No. 23 Party (Astronomical II) on 1st October 1887, and that of No. 22 Party (Astronomical I) on 1st November 1887.</i>				
...	Asst. Supdt., 1st grade, doing duty in the Trigonometrical Branch Office	1st Nov. 1887	Dy. Supdt., 4th grade	4th Nov. 1887.
...	Ditto ditto	12th Nov. 1887	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	15th Feb. 1888.
...	Ditto in charge	...	...	...
...	Computing Party	10th Apl. 1888	Ditto ditto	...
...	Asst. Supdt., 1st grade, in charge No. 23 Party (Astronomical II)	14th July 1888	Ditto ditto	...
...	Ditto ditto and in charge No. 22 Party (Astronomical I)	17th July 1888	Ditto ditto	...
<i>Made over charge of both parties on 1st November 1888.</i>				
...	Asst. Supdt., 1st grade, attached to Computing Party	23rd Feb. 1889	Dy. Supdt., 4th grade	...
<i>Promoted to Captain, 1st April 1889.</i>				
...	Asst. Supdt., 1st grade, in charge Nos. 22 and 23 Parties	3rd May 1889	.....	...
...	Ditto ditto and No. 24 Party	11th June 1889	.....	...
...	Dy. Supdt., 4th grade	28th June 1889	.....	...
<i>Made over charge of No. 24 Party (Upper Burma), 19th August 1889, and of No. 23 Party (Astronomical II) on 1st October 1889.</i>				
...	Dy. Supdt., 4th grade	...	Dy. Supdt., 3rd grade	27th Aug. 1890.
<i>Made over charge of No. 22 Party (Astronomical I) on 22nd October 1890.</i>				
<i>Furlough to Europe on medical certificate for one year, from 2nd November 1890.</i>				
...	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical)	2nd Nov. 1891	Dy. Supdt., 3rd grade	2nd Nov. 1891.
Mussooree	Ditto ditto and in charge Computing Party	4th May 1892	Ditto ditto	...
<i>Made over charge of Computing Party on 8th August 1892.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussorie	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical)	18th Aug. 1892	Dy. Supdt., 1st grade	18th Aug. 1892.
Ditto	Ditto in charge Nos. 22 and 23 Parties (Astronomical)	5th Sept. 1893	Ditto ditto	...
<i>Made over charge of No. 23 Party (Astronomical) on 6th November 1893.</i>				
Mussoorie	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical)	13th Jan. 1894	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	3rd Apl. 1894.
Ditto	Ditto ditto and in charge No. 23 Party (Astronomical)	11th July 1894	.....	...
<i>Made over charge of No. 23 Party (Astronomical) on 18th September 1894.</i>				
Karachi	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical)	1st Jan. 1895	.....	...
<i>Special leave for one month, from 15th April 1896.</i>				
Dehra	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical)	16th May 1896	.....	...
Ditto	Ditto ditto	...	Supdt., Trigonometrical Surveys	18th May 1896.
Ditto	Ditto ditto and in charge No. 23 Party (Astronomical)	28th May 1896	Ditto ditto	...
Ditto	Ditto ditto	...	Ditto ditto and Supdt., 2nd grade	20th June 1896.

Bythell, Brevet-Major William John, R.E.—Joined the service, 25th July 1882; arrived, 20th October 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers	25th July 1882	.....	...
<i>Served in South Africa, 14th November 1884 to 22nd September 1886.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
..	Posted to the Indian Establishment	2nd Sept. 1886	.....	...
Kirkee	Attached to Bombay Sappers and Miners	23rd Oct. 1886	.....	...
Quetta	Asst. Engineer, 2nd grade, Sind-Pishin State Ry.	20th July 1887	.....	...
Kach-Quetta Survey (Railway)	Ditto ditto	1st Sept. 1887	.....	...
Khojak	Ditto ditto	1st Dec. 1887	.....	...
<i>Privilege leave for 2 months and 14 days, from 11th February 1889.</i>				
Simla	Asst. Supdt., 2nd grade, Survey of India, attached to No. 1 Party (Punjab)	29th May 1889	.....	...
Ditto	Ditto, attached to No. 18 Party (Himalaya)	1st July 1889	.....	...
Ditto	Ditto, attached to Head-quarters Office	12th Oct. 1889	.....	...
..	Ditto, in charge Chin-Lushai Expedition Survey Detachment, Chittagong Column	20th Nov. 1889	.....	...
Calcutta	Ditto, Head-quarters Office	9th May 1890	.....	...
<i>Leave on medical certificate for 3 months, from 4th June 1890.</i>				
Calcutta	Asst. Supdt., 2nd grade, attached to Head-quarters Office	4th Sept. 1890	.....	...
Ditto	Asst. Supdt., 1st grade, attached to Head-quarters Office	1st Oct. 1890	Dy. Supdt., 4th grade	1st Oct. 1890.
Simla	Ditto ditto, No. 18 Party (Himalaya)	1st Nov. 1890	Ditto ditto	...
<i>Promoted to Captain, 15th January 1891.</i>				
Simla	Asst. Supdt., 1st grade, in charge No. 18 Party (Himalaya)	11th Mar. 1891	Dy. Supdt., 4th grade	...
Ditto	Ditto ditto, attached to No. 18 Party (Himalaya)	1st Apl. 1891	Ditto ditto	...
Calcutta	Ditto ditto, attached to Head-quarters Office	1st Nov. 1891	Ditto ditto	...
Simla	Ditto ditto, attached to No. 18 Party (Himalaya)	1st July 1892	Ditto ditto	...
Ditto	Ditto ditto, in charge ditto	16th July 1892	Ditto ditto	...
Ditto	Ditto ditto	...	Ditto 2nd grade	18th Aug. 1892.
Kamptee	Asst. Supdt., 1st grade, in charge No. 9 Party (Central Provinces)	28th Oct. 1892	Ditto ditto	...
<i>Privilege leave for 3 months, from 14th June 1893.</i>				
Kamptee	Asst. Supdt., 1st grade, in charge No. 9 Party (Central Provinces)	14th Sept. 1893	Dy. Supdt., 2nd grade	...
Calcutta	Ditto ditto attached to Head-quarters Office	17th Nov. 1893	Ditto ditto	...
Ditto	Dy. Supdt., 2nd grade, ditto	28th Apl. 1894	.....	...
Mussoree	Ditto ditto in charge No. 14 Party (Nimar)	14th May 1894	.....	...
<i>Privilege leave for 1 month and 4 days, from 1st October 1894.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussooree .	Dy. Supdt., 2nd grade, in charge No. 14 Party (Nimar)	5th Nov. 1894	.....	...
<i>Served as Survey Officer with the Chitral Relief Force, from 27th March to 9th September 1895.</i>				
...	Dy. Supdt., 2nd grade, attached to the Chitral Relief Force .	...	Dy. Supdt., 1st grade	1st July 1895.
Mussooree .	Ditto ditto in charge No. 14 Party (Central Provinces)	20th Sept. 1895	Ditto ditto	...
<i>Privilege leave for 1 month and 2 days from 2nd November 1895.</i>				
Central Provinces .	Dy. Supdt., 2nd grade, in charge No. 14 Party (Central Provinces)	15th Nov. 1895	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 1st grade	25th Dec. 1895
<i>Promoted to Brevet-Major, 22nd January 1896.</i>				
Poona	Dy. Supdt., 2nd grade, in charge No. 17 Party (Bombay Forests)	21st May 1896	Dy. Supdt., 1st grade	...

War Services.—With expedition to Bechuanaland under Sir Charles Warren, 1884-85, as Survey Officer and served in Topographical and Intelligence Departments and on Transvaal Boundary Survey, honourably mentioned; Chin-Lushai Expedition, 1889-90, as Survey Officer with Chittagong Column; mentioned in Despatches; services acknowledged by Government of India—Medal and clasp; served as Survey Officer with the Chitral Relief Force from 27th March to 9th September 1895.

Honourably mentioned, and promoted to Brevet-Major, 22nd January 1896.

Coldstream, Lieutenant William Menzies, R.E.—Joined the service, 27th July 1888; arrived, 10th November 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieut., Royal Engineers .	27th July 1888	.....	...
<i>On duty at the Royal Engineering Establishment, Chatham, September 1888.</i>				
Jutogh	Attached to the Military Works Department, Bengal	Nov. 1890	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Attached to the Bengal Sappers and Miners for the 1st Miranzai Expedition	Jan. 1891	.....	...
Dugshai	Attached to the Military Works Department	Mar. 1891	.....	...
...	Attached to the Bengal Sappers and Miners for the 2nd Miranzai Expedition	Apl. 1891	.....	...
Dugshai	Attached to the Military Works Department	June 1891	.....	...
Jutogh	Ditto ditto	July 1891	.....	...
<i>Promoted to Lieutenant, 27th July 1891.</i>				
...	Asst. Engineer, 2nd grade	14th Dec. 1891	.....	.....
...	Ditto ditto, Peshawar Provincial Division	24th Jan. 1892	.....	.....
<i>Privilege leave for 1 month and 23 days, from 2nd July 1892.</i>				
...	Asst. Engineer, 2nd grade, attached to Office of Chief Engineer and Secretary to Government of Punjab, Public Works Department	23rd Aug. 1892	.....	.....
...	Ditto, Peshawar Provincial Division	17th Sept. 1892	.....	.....
<i>Served as Assistant Field Engineer in command of the Cooli Corps, Isazai Expedition, 20th September to 10th October 1892.</i>				
...	Assistant Engineer, 2nd grade, Rawal Pindi Provincial Division	13th Oct. 1892	.....	.....
...	Ditto, Peshawar Provincial Division	1st Nov. 1892	.....	.....
...	Ditto, 3rd grade, ditto	16th Aug. 1893	.....	.....
<i>Privilege leave for 1 month and 3 days, from 20th August 1893.</i>				
...	Asst. Engineer, 3rd grade, Rawal Pindi Provincial Division	21st Mar. 1894	.....	.....
...	Ditto, Gujranwala Independent Executive charge	28th Mar. 1894	.....	.....
...	Ditto, Peshawar Provincial Division	27th Apl. 1894	.....	.....
...	Asst. Engr., 2nd grade, ditto	2nd May 1894	.....	.....
<i>Privilege leave for 1 month and 4 days, from 3rd October 1894.</i>				
...	Asst. Supdt., 2nd grade, Survey of India, attached to No. 15 Party (Baluchistan)	25th Nov. 1894	.....	...
<i>On special duty as Survey Officer with the Khaibar-Amar Delimitation Commission under the political charge of Mr. Udny, C.S., 25th November 1894.</i>				
...	Asst. Supdt., 2nd grade, attached to No. 18 Party (Himalaya)	1st July 1895	.....	...
Bangalore	Ditto ditto attached to No. 11 Party (Upper Burma)	6th Nov. 1895	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bangalore	Asst. Supdt., 2nd grade, attached to No. 11 Party (Upper Burma)	...	Asst. Supdt., 1st grade	25th Nov. 1896.
Ditto	Ditto, 1st grade, ditto	23rd Jan. 1896	.....	...

War Services.—1st and 2nd Miranzai Expeditions as Company Officer, 5th Company, Bengal Sappers and Miners—Medal and clasp; served as Assistant Field Engineer in command of Coolie Corps, Isazai Expedition.

Cooke, Gordon Henry.—Joined the service, 6th December 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Sub-Asst., 1st class, Revenue Survey (Central Provinces Survey)	6th Dec. 1866	.....	...
...	Asst. Revenue Surveyor, 3rd class	6th Dec. 1869	.....	...
...	Asst. Supdt. (on probation)	1st Apl. 1870	.....	...
Hazaribagh	Ditto, 2nd grade, Hazaribagh District Survey	10th May 1871	.....	...
<i>On special duty with Lushai Expedition, from 1st November 1871 to 4th June 1872.</i>				
<i>Examination leave for 3 months, from 5th June to 4th September 1872.</i>				
Calcutta	Asst. Supdt., 2nd grade, on duty Head-quarters Office	5th Sept. 1872	.....	...
<i>On Special Duty, Chittagong, from 1st November 1872 to May 1873.</i>				
Naini Tal	Asst. Supdt., 2nd grade, Naini Tal Survey	June 1873	.....	...
Bilaspore	Ditto, 9th Bilaspore District Survey	Nov. 1873	.....	...
Ditto	Ditto, 3rd grade, Bilaspore District Survey	1st Apl. 1874	.....	...
Azimgarh	Ditto, Azimgarh District (Cadastral) Survey	Nov. 1874	.....	...
Gurgaon	Ditto, Gurgaon District Survey	1st Apl. 1876	.....	...
Poona	Ditto, Deccan Survey	Nov. 1876	.....	...
Ditto	Ditto ditto in charge Deccan Survey	22nd Aug. 1877	.....	...
Ditto	Ditto ditto	...	Asst. Supdt., 2nd grade	1st Jan. 1878.
Ditto	Ditto ditto	12th Sept. 1878	Ditto ditto	...

Furlough for 2 years and 18 days, from 22nd May 1880.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussooree	Asst. Supdt., 2nd grade	14th Dec. 1880	.....	...
...	Ditto ditto, Meerut, etc., Districts (Topographical) Survey	9th June 1882	.....	...
Ditto	Ditto, 1st grade, ditto	1st July 1882	Dy. Supdt., 4th grade	1st July 1882.
...	Ditto ditto	1st Nov. 1882	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	2nd Nov. 1882.
...	Ditto ditto	4th Nov. 1882	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	7th Nov. 1882.
...	Ditto ditto	1st Jan. 1883	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	14th Mar. 1883.
...	Ditto ditto	15th Mar. 1883	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	20th Apl. 1883.
Benares	Ditto, in charge Benares, etc., Districts (Cadastral) Survey	17th Oct. to 11th Dec. 1883	Ditto ditto	...
Calcutta	Ditto, on duty Headquarters Office	17th Aug. 1884	Ditto ditto	...
Basti	Ditto, Basti District (Cadastral) Survey	1st May 1885	Ditto ditto	...
Poona	Asst. Supdt., 1st grade, in charge Cutch Party (Topographical) Survey	11th Aug. 1885	Ditto ditto	...
Ditto	Dy. Supdt., 4th grade, ditto	22nd Oct. 1885	.....	...
Jubbulpore	Ditto, in charge No. 9 Party	26th Oct. 1885	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	22nd Apl. 1886.
...	Ditto ditto	24th Oct. 1887	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	4th Nov. 1887.
...	Ditto ditto	24th Nov. 1887	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	25th Nov. 1887.
...	Ditto ditto	30th Nov. 1887	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	6th Jan. 1888.
...	Ditto ditto	25th Jan. 1888	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	11th Feb. 1888.
...	Ditto ditto	14th Apl. 1888	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	16th May 1888.
<i>Privilege leave for 3 months, from 3rd August 1888.</i>				
Chanda	Dy. Supdt., 4th grade, in charge No. 9 Party	1st Oct. 1888	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	3rd Nov. 1888.
...	Ditto, 3rd grade, ditto	12th Aug. 1889	.....	...
Mandla	Ditto ditto	1st Nov. 1890	.....	...
...	Ditto ditto	...	Dy. Supdt., 2nd grade	10th Apl. 1891.
...	Ditto ditto	12th Nov. 1891	.....	...
...	Ditto ditto	...	Dy. Supdt., 2nd grade	8th Dec. 1891.
<i>Furlough for 18 months, from 22nd May 1892.</i>				
...	Dy. Supdt., 1st grade	18th Aug. 1892	.....	...
...	Ditto ditto	...	Supdt., 2nd grade	1st Nov. 1892.
Bangalore	Ditto ditto in charge No. 20 Party (Burma)	4th Nov. 1893	Ditto, ditto	...
Ditto	Ditto ditto	6th Nov. 1893	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	3rd Apl. 1894.
Mandalay	Ditto ditto in charge No. 12 Party (Magwe)	17th Nov. 1894	Ditto, ditto	...
Ditto	Ditto ditto in charge No. 3 Party (Upper Burma)	14th Dec. 1894	Ditto, ditto	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mandalay	Supdt., 2nd grade, in charge No. 3 Party (Upper Burma).	1st Jan. 1895	.....	...
Ditto	Ditto ditto	...	Supdt., 1st grade	16th Sept. 1895.
Ditto	Ditto ditto	6th Oct. 1895	.....	...

War Services.—On 1st November 1871 was deputed on special service with Right Column, Lushai Expeditionary Force; received a medal and clasp and the thanks of the Government of India; served a second year in the Lushai country with Major Lewin, Political Officer, and connected the work done by the Survey Officers attached to the Right and Left Columns of the Lushai Expeditionary Force.

Crichton, Captain Richmond Trevor, I.S.C.—Joined the service, 23rd August 1884; arrived, 29th October 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieut., 2nd Battalion, the Highland Light Infantry .	23rd Aug. 1884	.....	...
...	Appointed (on probation) to the Bengal Staff Corps .	4th June 1888	Wing Officer, 31st Punjab Infantry .	4th June 1888.
...	Admitted to Bengal Staff Corps	8th Oct. 1889	.....	...
Naini Tal	Asst. Supdt., 2nd grade, Survey of India, attached to No. 5 Party (Jhansi).	16th Dec. 1889	.....	...
Ditto	Ditto ditto .	...	Asst. Supdt., 1st grade	16th Dec. 1890.
Ditto	Asst. Supdt., 1st grade, ditto .	19th Feb. 1891	.....	...
Ditto	Ditto ditto .	...	Dy. Supdt., 4th grade	7th May 1891.
Ditto	Ditto ditto .	...	Ditto, and in temporary charge of No. 5 Party .	30th June 1891.
<i>Privilege leave for 1 month and 1 day, from 1st October 1891.</i>				
Naini Tal	Asst. Supdt., 1st grade, attached to No. 8 Party (Orissa) .	4th Nov. 1891	.....	...
Cuttack	Ditto, in charge No. 8 Party (Orissa) .	11th Nov. 1891	.....	...
Ditto	Ditto, attached to ditto .	28th Nov. 1891	.....	...
Ditto	Ditto ditto .	...	Dy. Supdt., 4th grade	8th Dec. 1891.
Ditto	Ditto ditto .	23rd Dec. 1891	.....	...
Ditto	Ditto, in charge ditto .	12th Jan. 1892	.....	...
Ditto	Ditto ditto .	...	Dy. Supdt., 4th grade	1st Apl. 1892.
Ditto	Ditto ditto .	...	Ditto, 2nd grade	18th Aug. 1892.
Ditto	Ditto ditto .	19th Jan. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Furlough for 5 months and 28 days, from 3rd May 1893.</i>				
Bihar .	Asst. Supdt., 1st grade, in charge Nos. 2 and 8 Parties (Bihar).	4th Nov. 1893	.....	...
Ditto .	Ditto ditto ditto .	...	Dy. Supdt., 2nd grade	28th Apl. 1894.
Ditto .	Ditto ditto in charge Nos. 4 and 5 Parties (Bihar)	1st Oct. 1894	Ditto ditto .	...
Ditto .	Dy. Supdt., 2nd grade, ditto.	26th Mar. 1895	.....	...
<i>Promoted to Captain, 23rd August 1895.</i>				
Calcutta	Dy. Supdt., 2nd grade, and Supdt. of Settlement Surveys in Bengal	19th Oct. 1895.	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 1st grade	28th Mar. 1896.

Eccles, John, M.A.—Joined the service, 30th May 1885 ; arrived, 30th May 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Appointed by Her Majesty's Secretary of State for India.</i>				
Calcutta	Asst. Supdt., 2nd grade, Survey of India, Head-quarters Office	30th May 1885	.....	...
Dehra Dún	Ditto ditto, Computing Party	26th July 1885	.....	...
Ditto	Asst. Supdt., 2nd grade, in charge Computing Party .	23rd Sept. 1885	.....	...
Ditto	Ditto, attached to ditto .	23rd Dec. 1885	.....	...
Ditto	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	30th May 1886.
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	20th Nov. 1886.
Ditto	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	23rd Nov. 1886.
Poona	Asst. Supdt., 2nd grade, No. 25 Party (Tidal and Levelling)	1st Nov. 1887	Asst. Supdt., 1st grade	...
Ditto	Ditto, 1st grade, ditto .	11th Apl. 1888	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	17th July 1888.
Mussooree	Ditto, 2nd grade, in charge Nos. 22 and 23 Parties (Astronomical I and II) .	1st Nov. 1888	Ditto ditto	...
Ditto	Ditto ditto	7th Jan. 1889	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	25th Feb. 1889.
Ditto	Ditto ditto, at- tached to Nos. 22 and 23 Par- ties (Astronomical I and II) .	4th May 1889	Ditto ditto .	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 4th May 1889.</i>				
<i>On Special Duty, from 4th to 18th August 1889.</i>				
Burma	Asst. Supdt., 1st grade, in charge No. 24 Party (Upper Burma)	19th Aug. 1889	Dy. Supdt., 4th grade	...
Mussooree	Ditto ditto, Trigl. Branch Office	8th Sept. 1890	Ditto ditto	...
Ditto	Ditto ditto in charge Computing Party	27th Oct. 1890	Ditto ditto	...
Dehra Dún	Dy. Supdt., 4th grade, in charge Computing Party	10th Dec. 1890	.....	...
Ditto	Ditto attached to Computing Party	29th Jan. 1891	.....	...
Ditto	Ditto ditto in charge Computing Party	2nd Apl. 1891	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 3rd grade	7th May 1891.
Ditto	Ditto ditto	4th Nov. 1891	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 3rd grade	1st Apl. 1892.
<i>Privilege leave for 3 months, from 4th May 1892.</i>				
Dehra Dún	Dy. Supdt., 4th grade.	2nd Aug. 1892	Dy. Supdt., 3rd grade	2nd Aug. 1892.
Ditto	Ditto, in charge Computing Party	8th Aug. 1892	Ditto ditto	...
Ditto	Ditto, 2nd grade, ditto	18th Aug. 1892	Ditto, 1st grade	18th Aug. 1892.
Ditto	Ditto ditto	19th Jan. 1893	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	24th Sept. 1893.
Ditto	Ditto ditto	1st Nov. 1893	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	3rd July 1894.
Ditto	Ditto ditto	3rd Nov. 1894	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	20th Mar. 1895.
<i>Privilege leave for 6 weeks, from 5th September 1895; extension for 1 day.</i>				
Dehra Dún	Dy. Supdt., 2nd grade, in charge Trigonometrical Branch Office	5th Nov. 1895	Dy. Supdt., 1st grade	...
Ditto	Ditto ditto in charge Computing Party	5th Dec. 1895	Ditto ditto	...
Ditto	Dy. Supdt., 1st grade, ditto	12th Dec. 1895	.....	...
Ditto	Ditto ditto	...	In temporary charge Trigonometrical Branch Office	27th Mar. 1896.
Ditto	Ditto ditto	...	Ditto ditto and in temporary charge No. 22 Party (Astronomical)	15th Apl. 1896.
<i>Made over charge of No. 22 Party (Astronomical) on 16th May 1896, and of the Trigonometrical Branch Office, on 18th May 1896.</i>				

Erskine, Claude Francis.—Joined the service, 25th June 1880.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind . . .	Proby. Asst. Settlement Officer, Sind Settlement Survey	25th June 1880	.....	...
Ditto . . .	Asst. Supdt., 5th grade, ditto	27th Dec. 1881	.....	...
Ditto . . .	Ditto, 4th grade, ditto	27th Dec. 1883	.....	...
Bombay . . .	Asst. Supdt., 4th grade, Poona and Nasik Survey, Bombay Revenue Survey	10th Oct. 1884	.....	...
Ditto . . .	Ditto, 3rd grade, ditto	22nd July 1887	.....	...
Ditto . . .	Ditto, 2nd grade, ditto	22nd July 1890	.....	...
<i>Relinquished charge of his duties in the Bombay Revenue Survey on the 15th February 1891. (afternoon).</i>				
Jubbulpore . . .	Asst. Supdt., 2nd grade, Survey of India, attached to No. 9 Party (Mandln) . . .	19th Feb. 1891	.....	...
Ditto . . .	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	3rd Mar. 1891.
<i>Services placed at the disposal of the Foreign Department, from 4th August 1891.</i>				
...	Asst. Supdt., 2nd grade . . . . .	...	Dy. Supdt., 4th grade	16th May 1892
...	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	5th June 1892
...	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	8th July 1892
...	Ditto, 1st grade	12th Oct. 1892	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	29th Oct. 1892.
...	Ditto ditto	2nd Nov. 1892	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	1st Oct. 1893.
...	Ditto ditto	18th Oct. 1893	.....	...
<i>Services replaced at the disposal of the Revenue and Agricultural Department, from 24th June 1894. Furlough for 10 months, from 29th June 1894.</i>				
Calcutta . . .	Asst. Supdt., 1st grade, attach- ed to Head-quarters Office . . .	29th Apl. 1895	Dy. Supdt., 2nd grade	29th Apl. 1895.
Ditto . . .	Dy. Supdt., 2nd grade, ditto . . .	21st Jan. 1896	.....	...
Central Prov- inces . . .	Ditto in charge No. 14 Party (Central Provinces) . . .	12th May 1896	.....	...

Fleming, Captain John Murchison, I.S.C.—Joined the service, 13th August 1879; arrived, 24th October 1879.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieut., 25th "King's Own Borderers"	13th Aug. 1879	.....	...
...	Lieut., ditto	21st June 1880	.....	...
...	Appointed (on probation) to the Bengal Staff Corps	22nd July 1882	Wing Officer, 22nd Punjab Infantry	22nd July 1882.
...	Ditto ditto	...	Wing Officer, 4th Bengal Infantry	3rd Oct. 1882.
...	Ditto ditto	...	Quarter Master, ditto	4th Sept. 1883.
...	Appointed to Bengal Staff Corps	8th Feb. 1884	.....	...
...	Adjt., 4th Bengal Infantry	15th Apl. 1885	.....	...
...	Ditto ditto	...	Asst. Supdt., 2nd grade, Survey of India (<i>sub. pro tem.</i>)	3rd July 1885.
...	Asst. Supdt., 2nd grade (on probation)	22nd Oct. 1885	.....	...
Mussooree	Ditto ditto No. 18 Party (Himalaya)	21st Sept. 1886	.....	...
...	Ditto, ditto (confirmed)	14th May 1887	Asst. Supdt., 1st grade	14th May 1887.
...	Ditto, 1st grade, No. 16 Party (Himalaya)	17th July 1888	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	1st Sept. 1888.
...	Ditto ditto	23rd Oct. 1888	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	1st Nov. 1888.
Nagpore	Ditto, No. 3 Party	13th Nov. 1888	Ditto ditto	...
...	Ditto ditto	23rd Dec. 1888	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	20th Feb. 1889.
...	Ditto, No. 21 Party (Upper Burma)	1st Oct. 1889	.....	...
...	Ditto, in charge No. 11 Party (Upper Burma II)	4th Nov. 1889	.....	...

Furlough on medical certificate for 2 years, from 9th January 1890.

Promoted to Captain, 13th August 1890.

...	Dy. Supdt., 4th grade	19th Feb. 1891	.....	...
Calcutta	Ditto, attached to Headquarters Office	9th Jan. 1892	.....	...
Simla	Ditto, attached to No. 18 Party (Himalaya)	14th Mar. 1892	.....	...
Ditto	Ditto in charge No. 18 Party (Himalaya)	26th Mar. 1892	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 3rd grade	15th Apl. 1892.
Ditto	Ditto attached to No. 20 Party (Burma)	2nd Aug. 1892	Ditto ditto	...
Ditto	Ditto in charge ditto	13th Aug. 1892	Ditto ditto	...
Ditto	Ditto, 2nd grade, ditto	18th Aug. 1892	Ditto, 1st grade	18th Aug. 1892.
Ditto	Ditto ditto	2nd Nov. 1892	.....	...
...	Ditto, in charge No. 2 Party (Eastern Bengal)	24th Nov. 1892	.....	...
Calcutta	Ditto ditto in charge Nos. 2 and 8 Parties (Bengal)	1st Oct. 1893	Dy. Supdt., 1st grade	1st Oct. 1893.
Ditto	Ditto ditto ditto	18th Oct. 1893	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 1st grade	26th Mar. 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 26th June 1895.</i>				
Calcutta	Dy. Supdt., 2nd grade, attached to Head-quarters Office	6th Oct. 1895	Dy. Supdt., 1st grade	...
Simla	Ditto ditto in charge No. 18 Party (Himalaya)	31st Oct. 1895	Ditto ditto	...
Ditto	Ditto, 1st grade, ditto	17th Dec. 1895	.....	...
Mussooree	Ditto ditto in charge No. 2 Party (North-Western Provinces and Oudh)	1st Jan. 1896	.....	...

War Services.—Served with 25th "King's Own Borderers" in the Khyber Line Field Force from 18th December 1879 to 31st August 1880; expeditious against Mohmands and into Lughman Valley—Medal.

Fraser, Lieutenant Howard Alan Denholm, R.E.—Joined the service, 19th February 1886; arrived, March 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieut., Royal Engineers	19th Feb. 1886	.....	...
<i>On duty at the Royal Engineering Establishment, Chatham, from April 1886 to November 1888,</i>				
...	Posted to Indian Establishment	Feb. 1889	.....	...
Bangalore	Attached to "Queen's Own" Sappers and Miners	Mar. 1889	.....	...
<i>Leave to England on medical certificate, from November 1889 to April 1890.</i>				
Yeu, Upper Burma	Asst. Engr., 2nd grade, P. W. Dept.	June 1890	.....	...
<i>Served with Wuntho Field Force as Field Engineer, from 15th February to 30th April 1891.</i>				
Mandalay	Attached to Office of Superintending Engineer, P. W. Dept.	1st May 1891	.....	...
<i>On language leave, from 16th June to 9th September 1891.</i>				
Yemethin	Employed on Famine Relief Works	10th Sept. 1891	.....	...
Poona	Asst. Supdt., 2nd grade, Survey of India, attached to No. 10 Party (Bombay)	29th Oct. 1891	.....	...
Ditto	Ditto ditto	...	Asst. Supdt., 1st grade	1st Nov. 1892.
<i>Privilege leave for 3 months, from 14th July 1893, and overstayed it by one day.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona	Asst. Supdt., 2nd grade, attached to No. 10 Party (Bombay)	15th Oct. 1893	Asst. Supdt., 1st grade	...
Ditto	Ditto, 1st grade, (<i>sub. pro tem.</i>) ditto	8th May 1894	.....	...
Ditto	Ditto ditto in charge ditto	16th May 1894	.....	...
Ditto	Ditto, 2nd grade, ditto	24th June 1894	Asst. Supdt., 1st grade	24th June 1894.
Ditto	Ditto, 1st grade, ditto	10th Aug. 1894	.....	...
<i>Privilege leave for 1 month and 21 days, from 5th May 1895; overstayed it by one day.</i>				
Poona	Asst. Supdt., 1st grade, attached to No. 10 Party (Bombay)	...	Dy. Supdt., 2nd grade	9th July 1895.
Burma	Ditto ditto attached to No. 24 Party (Upper Burma)	21st Aug. 1895	Ditto ditto	...
<i>Special leave for 19 days, from 30th September to 18th October 1895.</i>				
Burma	Asst. Supdt., 1st grade, attached to No. 24 Party (Upper Burma)	28th Oct. 1895	Dy. Supdt., 2nd grade	28th Oct. 1895.
Ditto	Ditto ditto	3rd Nov. 1895	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	25th Dec. 1895.

War Services.—Served under General Wolseley, C.B., A.D.C., in the Wuntho Expedition, from 15th February to 31st May 1891; mentioned in Despatches. Burma Medal with clasp, 1889-92.

Gilbert-Cooper, Bryan Gardiner.—Joined the service, 1st January 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind	Proby. Asst. Settlement Officer in the Sind Survey Dept.	1st Jan. 1878	.....	...
Ditto	Asst. Settlement Officer, 3rd Class	21st Mar. 1879	.....	...

Subsidiary leave for 13 days, from 7th November 1879.

Sick leave to Europe for 1 year 1 month and 13 days, from 20th November 1879.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind . . .	Asst. Supdt., 5th grade, Sind Rev. Survey	1st Aug. 1880	.....	...
<i>Subsidiary leave, from 3rd January 1881.</i>				
Sind . . .	Asst. Supdt., 5th grade, Sind Rev. Survey	4th Jan. 1881	.....	...
Ditto . . .	Asst. Supdt., 4th grade, Sind Rev. Survey	8th Nov. 1881	.....	...
Ditto . . .	Ditto, 3rd grade, ditto	8th Nov. 1884	.....	...
<i>Privilege leave for 3 months, from 3rd August 1885, and overstayed it by 4 days, from 3rd November 1885.</i>				
Sind . . .	Asst. Supdt., 3rd grade, Sind Rev. Survey	7th Nov. 1885	.....	...
Ditto . . .	Ditto, 2nd grade, ditto	12th Nov. 1887	.....	...
...	Ditto ditto, Poona and Nasik and Southern Maratha Country Survey	27th June 1888	.....	...
<i>Privilege leave for 2 months and 28 days, from 21st September 1888.</i>				
<i>Relinquished charge of his duties in the Bombay Revenue Survey Department on the 15th February 1891 (afternoon).</i>				
Calcutta . . .	Asst. Supdt., 2nd grade, Survey of India Head-quarters Office	19th Feb. 1891	.....	...
Ditto . . .	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	3rd Mar. 1891.
Mandalay . . .	Ditto ditto, No. 3 Party (Mandalay)	12th Mar. 1891	Ditto ditto . . . . .	...
Ditto . . .	Ditto ditto in charge No. 3 Party (Mandalay)	11th June 1891	Ditto ditto . . . . .	...
Ditto . . .	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	22nd July 1891.
Ditto . . .	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	16th Oct. 1891.
Ditto . . .	Ditto ditto, attached to No. 3 Party (Mandalay)	23rd Dec. 1891	Ditto ditto . . . . .	...
Ditto . . .	Ditto 1st grade (sub. pro tem.) ditto	5th Apl. 1892.	.....	...
<i>Medical leave to Europe for 15 months, from 19th May 1892. Extension for 7 months and 16 days : further extension for 2 months and 26 days without pay.</i>				
...	Asst. Supdt., 1st grade (confirmed)	1st July 1892	.....	...
Calcutta . . .	Ditto ditto attached to Head-quarters Office	30th June 1894	.....	...
Mandalay . . .	Ditto ditto in charge No. 12 Party (Magwè)	7th Dec. 1894	.....	...
Ditto . . .	Ditto ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	6th Apl. 1895.
Rangoon . . .	Ditto ditto attached to No. 7 Party (Lower Burma)	27th Nov. 1895	Ditto ditto . . . . .	...
Ditto . . .	Ditto ditto in charge ditto	11th Dec. 1895	Ditto ditto . . . . .	...
Ditto . . .	Dy. Supdt., 2nd grade, ditto	25th Dec. 1895	.....	...

Gordon, Captain Philip James, I.S.C.—Joined the service, 22nd January 1881; arrived, 1st April 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieut., 54th Foot . . .	22nd Jan. 1881	.....	...
...	Lieut., Dorsetshire Regt. . .	1st July 1881	.....	...
...	Appointed on probation to the Bengal Staff Corps . . .	13th May 1883	Wing Officer, 29th Punjab Infantry .	13th May 1883.
...	Lieut., 32nd Pioneers . . .	28th Mar. 1884	.....	...
...	Finally admitted to the Bengal Staff Corps . . .	13th June 1884	.....	...
...	Adjutant, 14th Sikhs . . .	9th Feb. 1885	.....	...
Calcutta	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Head-quarters Office . . .	10th Nov. 1890	.....	...
...	Ditto, No. 21 Party (Upper Burma I) . . .	21st Nov. 1890	.....	...
...	Ditto ditto (confirmed) . . .	5th Aug. 1891	.....	...
...	Ditto 1st grade (<i>sub. pro tem.</i>) ditto . . .	5th Aug. 1891	.....	...
...	Ditto ditto ditto (confirmed). . .	13th Oct. 1891	.....	...
<i>Promoted to Captain, 22nd January 1892.</i>				
...	Asst. Supdt., 1st grade, attached to No. 21 Party (Upper Burma) . . .	...	Dy. Supdt., 4th grade	15th Apl. 1892.
...	Ditto ditto . . .	...	Ditto, 2nd grade	18th Aug. 1892.
<i>Furlough for one year, from 5th November 1892.</i>				
...	Asst. Supdt., 1st grade, attached to No. 21 Party (Upper Burma) . . .	30th Oct. 1893	.....	...
...	Ditto ditto ditto . . .	...	Dy. Supdt., 2nd grade	3rd July 1894.
...	Ditto ditto ditto . . .	29th Oct. 1894	.....	...
Bangalore	Ditto ditto, in charge No. 20 Party (Burma) . . .	1st Nov. 1894	.....	...
...	Ditto ditto ditto . . .	...	Dy. Supdt., 2nd grade	26th Mar. 1895.
...	Dy. Supdt., 2nd grade, ditto . . .	17th Dec. 1895	.....	...
...	Ditto ditto ditto . . .	...	Dy. Supdt., 1st grade	20th June 1896.

*War Services.—*Hazara Campaign, 1888—Medal and clasp; Wuntho Expedition, 1881.

Gore, Lt.-Colonel St. George Corbet, R.E.—Joined the service, 8th January 1870; arrived, 15th November 1872.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	8th Jan. 1870	.....	...
<i>On duty at the Royal Engineering Establishment, Chatham, from February 1870 to July 1871.</i>				
...	Posted to the Indian Establishment	16th Aug. 1872	.....	...
...	Asst. Supdt., 2nd grade, Great Trigonometrical Survey .	25th Mar. 1873	.....	...
Debra Dún .	Ditto, Head-quarters, Great Trigonometrical Survey .	11th Apl. 1873	.....	...
Ditto .	Ditto, Kumaon and Garhwal Survey Party	1st Aug. 1873	.....	...
<i>Privilege leave for 14 days, from 1st October 1873.</i>				
Dehra Dún .	Asst. Supdt., 2nd grade, Kumaon and Garhwal Survey Party . . . . .	...	Asst. Supdt., 1st grade	2nd Nov. 1873.
Ditto .	Ditto, 3rd grade, ditto . .	1st Apl. 1874	Ditto 2nd grade	1st Apl. 1874.
Ditto .	Ditto ditto	28th Oct. 1874	.....	...
Ditto .	Ditto ditto . . . . .	...	Asst. Supdt., 2nd grade	4th Jan. 1875.
Bhopal .	Ditto ditto, Bhopal and Malwa Topographical Survey	15th Oct. 1875	Ditto ditto . . . . .	...
<i>Privilege leave for 21 days, from 17th September 1877.</i>				
Gujrat . .	Asst. Supdt., 3rd grade, Gujrat Party, Great Trigonometrical Survey	5th Jan. 1878	Asst. Supdt., 2nd grade . . . . .	...
<i>Privilege leave for 2 months, from 26th May 1878.</i>				
Gujrat . .	Asst. Supdt., 3rd grade, in charge Gujrat Party, Great Trigonometrical Survey.	2nd Sept. 1878	Asst. Supdt., 2nd grade . . . . .	...
Ditto . .	Ditto, Gujrat Party, Great Trigonometrical Survey . .	Oct. 1878	Ditto ditto . . . . .	...
<i>Served as Survey Officer with the Southern Afghanistan Field Force, from 9th February 1879 to 16th May 1880.</i>				
...	Asst. Supdt., 3rd grade	26th Apl. 1879	.....	...
...	Ditto ditto . . . . .	...	Asst. Supdt., 2nd grade	6th July 1879.
<i>Furlough to Europe for 2 years, from 11th December 1880.</i>				
<i>Promoted to Captain, 8th January 1882.</i>				
...	Asst. Supdt., 2nd grade	1st July 1882	.....	...
...	Ditto, 1st grade	10th Oct. 1882	.....	...
Calcutta .	Ditto, on duty at Head-quarters Office	13th Dec. 1882	.....	...
Ditto . .	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade, .	29th May 1883.
<i>On Special Survey duty with Afghan Boundary Commission, from 26th August 1884 to 23rd November 1886.</i>				
...	Dy. Supdt., 4th grade	10th Mar. 1886	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	4th May 1886.
<i>Elected for continuous Indian service, 1st August 1886.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Dy. Supdt., 4th grade . . .	18th Aug. 1886	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 3rd grade	26th Oct. 1886.
...	Ditto ditto . . .	27th Oct. 1886	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 3rd grade	20th Nov. 1886.
Dehra Dún .	Ditto ditto (special duty)	23rd Nov. 1886	Ditto ditto .	...
Ditto .	Ditto ditto . . .	9th Dec. 1886	.....	...
<i>Promoted to Brevet-Major, 16th February 1887.</i>				
Dehra Dún .	Dy. Supdt., 4th grade . . .	...	Dy. Supdt., 3rd grade	7th June 1887.
Ditto .	Ditto ditto . . .	30th Aug. 1887	.....	...
<i>Employed on military duty in Europe, from 15th February 1888 to 6th January 1889.</i>				
<i>Promoted to Major, 26th May 1888.</i>				
Dehra Dún .	Dy. Supdt., 4th grade, Drawing Section, Trigonometrical Branch Office . . .	7th Jan. 1889	Dy. Supdt., 3rd grade	7th Jan. 1889.
<i>Privilege leave for 1 month, from 1st March 1889.</i>				
Dehra Dún .	Dy. Supdt., 4th grade, in charge Trigonometrical Branch Office.	17th Apl. 1889	Dy. Supdt., 3rd grade	...
Calcutta .	Ditto 4th grade . . .	...	Dy. Supdt., 3rd grade, and Asst. Surveyor-General . . .	26th Oct. 1889.
Simla . . .	Ditto, 3rd grade, in charge No. 18 Party (Himalaya) . . .	31st Oct. 1890	.....	...
<i>Privilege leave for 21 days, from 11th March 1891.</i>				
Simla . . .	Dy. Supdt., 3rd grade, in charge No. 18 Party (Himalaya) . . .	1st Apl. 1891	.....	...
Ditto . . .	Ditto ditto . . .	...	Dy. Supdt., 2nd grade	22nd July 1891.
Ditto . . .	Ditto ditto . . .	16th Oct. 1891	.....	...
<i>Furlough for 6 months, from 7th April 1892.</i>				
...	Dy. Supdt., 1st grade, . . .	18th Aug. 1892	.....	...
Simla . . .	Ditto ditto in charge No. 18 Party (Himalaya) . . .	8th Oct. 1892	Supdt., 2nd grade . . .	8th Oct. 1892.
Ditto . . .	Ditto ditto . . .	20th Oct. 1892	.....	...
Ditto . . .	Ditto ditto . . .	...	Supdt., 2nd grade . . .	1st Oct. 1893.
Ditto . . .	Ditto ditto . . .	18th Oct. 1893	.....	...
Dehra . . .	Ditto attached to Trigonometrical Branch Office . . .	15th Apl. 1894	.....	...
Ditto . . .	Ditto ditto and Supdt., Trigonometrical Surveys . . .	1st May 1894	.....	...
Ditto . . .	Ditto ditto . . .	...	Supdt., 2nd grade . . .	3rd July 1894.
Ditto . . .	Ditto ditto . . .	30th Nov. 1894	.. . . .	...
<i>Special examination leave for 1 month and 18 days, from 7th January 1895.</i>				
Dehra . . .	Dy. Supdt., 1st grade and Supdt. Trigonometrical Surveys.	...	Supdt., 2nd grade . . .	20th Mar. 1895.
<i>Promoted to Lieutenant-Colonel, 2nd July 1895.</i>				
<i>Privilege leave for 1 month, from 5th November 1895.</i>				
Dehra . . .	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys . . .	12th Dec. 1895	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Furlough out of India, on private affairs, for 6 months and 2 days, from 28th March 1896.</i>				

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's Column in its marches from Kaudahar to Kabul as Officer in charge of Survey; present at action of Ahmed Khel, near Ghazni, and of Urzu Shalez of Ghazni—Medal and clasp.

Hobday, Lieutenant-Colonel James Ramsay, I.S.C.—Joined the service, 13th January 1869; arrived, 31st March 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bareilly	Ensign, 2-25th King's Own Borderers	13th Jan. 1869	.....	...
Fyzabad	2nd Wing Subaltern (on probn.), 38th Regt., Bengal Infantry	28th Mar. 1871	.....	...
...	1st Wing Subaltern (on probn.), 38th Regt., Bengal Infantry	6th May 1871	.....	...
<i>Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873.</i>				
Buxa, Bhutan	Station Staff Officer	16th Mar. 1873	.....	...
<i>Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April to 27th June 1873.</i>				
<i>General leave for 4 months and 6 days, from 12th July 1873.</i>				
Buxa, Bhutan	Station Staff Officer	18th Nov. 1873	.....	...
Central India	Asst. Supdt., 3rd grade (on probn.), Topl. Survey	11th Sept. 1874	.....	...
...	Ditto ditto Topographical Survey	7th July 1875	.....	...
...	Ditto 3rd grade	...	Asst. Supdt., 2nd grade	1st Jan. 1878
...	Ditto ditto	11th Jan. 1878	.....	...
...	Ditto ditto	...	Asst. Supdt., 2nd grade	1st Feb. 1878
...	Ditto ditto	6th Feb. 1878	.....	...
...	Ditto ditto	...	Asst. Supdt., 2nd grade	15th Feb. 1878

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Furlough on private affairs for 242 days, from 29th April to 26th December 1878; recalled to duty to join Afghan Field Force, 15th December 1878; left England on 27th December 1878; served as Survey Officer with Southern Afghanistan Field Force, from 13th February to 31st October 1879.</i>				
Afghanistan	Asst. Supdt., 3rd grade . . .	...	Asst. Supdt., 2nd grade . . .	15th Jan. 1879.
Ditto	Ditto ditto . . .	4th Feb. 1879	.....	...
Ditto	Ditto ditto . . .	...	Asst. Supdt., 2nd grade . . .	14th Apl. 1879.
Ditto	Ditto ditto . . .	22nd Apl. 1879	.....	...
<i>Furlough on medical certificate for 1 year, from 1st December 1879 to 19th December 1880, (left India 1st December 1879—19 days taken as the time occupied on the voyage home not counted in the period of furlough); extension on private affairs for 99 days, from 20th December 1880 to 28th March 1889.</i>				
<i>Promoted to Captain, 13th January 1881.</i>				
Gujrat	Asst. Supdt., 3rd grade, Gujrat Survey . . .	2nd Apl. 1881	.....	...
...	Ditto ditto . . .	...	Asst. Supdt., 2nd grade . . .	3rd Apl. 1881.
...	Ditto, 2nd grade . . .	1st July 1882	Ditto, 1st grade . . .	1st July 1882.
...	Ditto, 1st grade . . .	15th Apl. 1883	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 4th grade . . .	25th July 1883.
...	Ditto ditto . . .	22nd Oct. 1883	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 4th grade . . .	25th Oct. 1883.
Andamans	Ditto, in charge Andamans Topl. Party . . .	1st Nov. 1883	Ditto ditto . . .	...
...	Ditto ditto . . .	24th Mar 1884	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 4th grade . . .	4th Apl. 1884.
Upper Burma	Ditto, in charge Upper Burma Topl. Party . . .	20th Mar. 1886	Ditto ditto . . .	...
...	Asst. Supdt., 1st grade, in charge Upper Burma Topl. Party . . .	...	Dy. Supdt., 3rd grade . . .	4th May 1886.
...	Ditto ditto . . .	...	Ditto, 4th grade . . .	18th Aug. 1886.
...	Ditto ditto . . .	...	Ditto, 3rd grade . . .	26th Oct. 1886.
...	Ditto ditto . . .	...	Ditto, 4th grade . . .	27th Oct. 1886.
...	Ditto ditto . . .	...	Ditto, 3rd grade . . .	19th Nov. 1886.
...	Ditto ditto . . .	...	Ditto, 4th grade . . .	23rd Nov. 1886.
...	Dy. Supdt., 4th grade, in charge Upper Burma Topl. Party . . .	1st Jan. 1887	.....	...
<i>Promoted to Brevet-Major, 1st July 1887.</i>				
<i>Privilege leave for 3 months from 10th July 1887.</i>				
Upper Burma	Dy. Supdt., 4th grade, in charge Upper Burma Topl. Party . . .	...	Dy. Supdt., 3rd grade . . .	17th July 1888
...	Ditto ditto . . .	7th Jan. 1889	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 3rd grade . . .	20th Feb. 1889.
...	Ditto ditto . . .	23rd Feb. 1889	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 3rd grade . . .	7th May 1889.
<i>Promoted to Major, 13th January 1889.</i>				
Upper Burma	Dy. Supdt., 3rd grade, in charge Upper Burma Topl. Party . . .	4th Nov. 1890	.....	...
<i>On Special Duty in Upper Burma along the Chinese Frontier from 1st December 1890 to April 1891. Special leave to Europe, from 13th June to 19th October 1891.</i>				
Poona	Dy. Supdt., 3rd grade, in charge No. 10 Party (Bombay) . . .	20th Oct. 1891	.....	...
Ditto	Ditto ditto . . .	...	Dy. Supdt., 2nd grade . . .	15th Apl. 1892.
Ditto	Ditto, 1st grade, ditto . . .	18th Aug. 1892	Supdt., 2nd grade . . .	18th Aug. 1892.
Ditto	Ditto ditto . . .	8th Oct. 1892	.....	...
Ditto	Ditto ditto in charge No. 17 Party (Bombay Forests) . . .	11th May 1894	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 27th July 1894. Promoted to Lieutenant-Colonel, 13th January 1895.</i>				
Poona	Dy. Supdt., 1st grade, in charge No. 17 Party (Bombay Forests)	27th Oct. 1894	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	26th Mar. 1895.
Ditto	Supdt., 2nd grade, ditto	25th Dec. 1895	.....	...
<i>Furlough, on private affairs, for 1 year, from 26th January 1896.</i>				

War Services.—Served with the Kandahar Field Force, Southern Afghanistan, from 13th February to 31st October 1879; accompanied column under Brigadier-General Palliser to Khakrez Valley—Medal served with Upper Burma Field Force from 2nd April 1886 to end of campaign; mentioned in Despatches of Major-General Sir George White, V.C., K.C.B.; services acknowledged by the Commander-in-Chief and Chief Commissioner—Medal with clasp and Brevet-Majority; excellent service to the Intelligence Branch in Burma appreciated by the Commander-in-Chief in India—Burma clasp, 1887-89; accompanied special expedition in Upper Burma along the Chinese Frontier, 1890-91; Burma clasp, 1889-92.

Hodgson, Captain Godfrey Beckett, I.S.C.—Joined the service, 1st May 1878; arrived, 21st October 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Buttevant, Cork, Ireland.	2nd Lieut., 2nd Battn., H. M.'s 22nd Cheshire Regt.	1st May 1878	.....	...
<i>Attached to the Regimental Depot at Buttevant, County Cork, Ireland, till 26th September 1878.</i>				
Allahabad	2nd Lieut.	21st Oct. 1878	.....	...
Ditto	Lieut.	13th Nov. 1878	.....	...
Afghanistan	Apptd. (on probn.) to the Bengal Staff Corps	3rd Aug. 1880	Wing Officer, 4th Goorkha Regt.	3rd Aug. 1880.
Bukloh	Lieut.	...	Qr. Mr., 4th Goor- khas	23rd Dec. 1880.
Ditto	Lieut., Bengal Staff Corps, and Wing Officer, 4th Goorkhas	15th Sept. 1881	Qr. Mr., 4th Goor- khas	...
Almora	Ditto and Wing Officer, 3rd Goorkhas	27th Feb. 1883	.....	...
Gujrat	Asst. Supdt., 2nd grade, Survey of India (on probn.), attached to Gujrat Party	12th Sept. 1883.	.....	...
Ditto	Asst. Supdt., 2nd grade, attach- ed to Gujrat Party	23rd July 1884	Asst. Supdt., 1st grade	23rd July 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 92 days, from 8th June 1885.</i>				
Simla .	Asst. Supdt., 2nd grade, on duty at Head-quarters Office.	8th Sept. 1885	Asst. Supdt., 1st grade	...
Ditto .	Ditto, 1st grade, ditto	26th Oct. 1885	.....	...
Calcutta .	Ditto ditto	...	Dy. Supdt., 4th grade	21st Mar. 1886.
Ditto .	Ditto ditto	24th Nov. 1887	.....	...
Ditto .	Ditto ditto	...	Dy. Supdt., 4th grade	25th Nov. 1887.
Ditto .	Ditto ditto	30th Nov. 1887	.....	...
Ditto .	Ditto ditto	...	Dy. Supdt., 4th grade	6th Jan. 1888.
Ditto .	Ditto ditto	25th Jan. 1888	.....	...
Ditto .	Ditto ditto	...	Dy. Supdt., 4th grade	11th Feb. 1888.
<i>Furlough to Europe for 1 year 7 months and 28 days, from 4th March 1889.</i>				
<i>Promoted to Captain, 1st May 1889.</i>				
...	Dy. Supdt., 4th grade	5th May 1889	...	...
Calcutta .	Ditto, attached to Head-quarters Office	1st Nov. 1890	Dy. Supdt., 3rd grade	1st Nov. 1890.
Hazaribagh .	Ditto in charge No. 4 Party (Western Dooars) .	17th Nov. 1890	Ditto ditto	...
Ditto .	Ditto ditto	5th Dec. 1890	...	...
Ditto .	Ditto ditto	...	Dy. Supdt., 3rd grade	14th Mar. 1891.
Ditto .	Dy. Supdt., 2nd grade, ditto .	18th Aug. 1892	Ditto 1st grade	18th Aug. 1892.
Dinapur .	Ditto, in charge Nos. 4 and 5 Parties (Bihar)	1st Nov. 1892	Ditto ditto	...
<i>Privilege leave for 2 months and 2 days, from 3rd July 1893.</i>				
...	Dy. Supdt., 2nd grade, in charge Nos. 4 and 5 Parties (Bihar)	5th Sept. 1893	Dy. Supdt., 1st grade	...
Bihar .	Ditto ditto ditto, and in charge Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	Ditto ditto	...
<i>Made over charge of Nos. 2 and 8 Parties (Bihar) on 4th November 1893.</i>				
Bihar .	Dy. Supdt., 1st grade, in charge Nos. 4 and 5 Parties (Bihar)	28th Apl. 1894	.....	...
<i>Privilege leave for 28 days, from 4th September 1894.</i>				
Calcutta .	Dy. Supdt., 1st grade, attached to Head-quarters Office .	22nd June 1895	.....	...
Ditto .	Ditto ditto ditto . . . . .	...	Supdt., 2nd grade	16th Sept. 1895.
Ditto .	Ditto ditto ditto	6th Oct. 1895	.....	...
Karachi .	Ditto ditto in charge Indus Riverain Detachment .	1st Nov. 1895	.....	...
Ditto .	Ditto ditto in charge No. 12 Party (Sind)	18th Nov. 1895	.....	...
Ditto .	Ditto ditto . . . . .	...	Supdt., 2nd grade	28th Mar. 1896.
<i>Privilege leave for 60 days, from 24th June 1896.</i>				

War Services.—Afghanistan, from 3rd August to 9th October 1880, as Officiating Wing Officer, 4th Goorkhas—Medal.

Holdich, Colonel Thomas Hungerford, C.B., C.I.E., R.E.—Joined the service
17th December 1862; arrived, 3rd March 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, R.E.	17th Dec. 1862	.....	...
	Posted to the Indian Establish- ment	Oct. 1864	.....	...
Bhutan . . .	Asst. to Officer in charge Field Survey Operations	1st Oct. 1865	.....	...
Rajputana . .	Asst. Surveyor, 2nd grade, Topl. Survey of India, Raj- putana Party	23rd July 1866	.....	...

Served with the Survey Party attached to the Abyssinian Expedition, from 1st November 1867 to June 1868.

On Special Duty in England, from June 1868 to May 1869.

Indore . . .	Asst. Surveyor, 1st grade . . .	15th Dec. 1868	.....	...
	Ditto ditto			
	Gwalior and Central India Topl. Survey	4th May 1869	.....	...
Ditto . . .	Asst. Supdt., 1st grade, ditto . . .	1st Sept. 1869	.....	...
Ditto . . .	Ditto, in charge ditto	1st Nov. 1871	.....	...
Ditto . . .	Asst. Supdt., 1st grade, Gwa- lior and Central India Topl. Survey . . . . .	...	Dy. Supdt., 3rd grade	11th Aug. 1873.
Ditto . . .	Ditto ditto	3rd Nov. 1873	.....	...
...	Ditto ditto in charge Vizagapatam Agen- cy and Central Provinces Survey	15th Dec. 1873	Dy. Supdt., 3rd grade	15th Dec. 1873.

Promoted to Captain, 4th June 1876.

Furlough to England for 2 years, from 14th May 1877; recalled for service in December 1878.

Served as Survey Officer with the Southern Afghanistan Field Force, from 15th January to 17th April 1879; and with the Northern Afghanistan Field Force, from November 1879 to September 1880.

...	Asst. Supdt., 1st grade . . . . .	...	Dy. Supdt., 3rd grade	15th Jan. 1879.
...	Ditto ditto	13th June 1879	.....	...
..	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	1st Nov. 1879.

Promoted to Brevet-Major, 2nd March 1881.

Special leave to England for 3 months, from 1st November 1880, and overstayed it by 9 days, from 27th January 1881.

Kohat . . .	Asst. Supdt., 1st grade, in charge Kohat District Topl. Survey	15th Feb. 1881	Dy. Supdt., 3rd grade	15th Feb. 1881.
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Served as Survey Officer with the Waziri Expedition in March 1881.

Kohat . . .	Dy. Supdt., 4th grade, in charge Kohat District Topl. Survey	1st July 1882	Dy. Supdt., 3rd grade	...
Ditto . . .	Ditto, 3rd grade, ditto	29th Apl. 1883	.....	...
Baluchistan .	Ditto ditto, in charge Baluchistan Survey	Oct. 1883	.....	...

Furlough to Europe for 1 year, from 8th March 1884; recalled for service with the Zhob Valley Expedition in July 1884.

Elected for continuous Indian Service, 10th September 1886.

On Special Duty in charge of Survey Party attached to the Afghan Boundary Commission, from 18th August 1884 to 1st November 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Dy. Supdt., 3rd grade . . .	16th Sept. 1884	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 2nd grade	3rd Dec. 1884.
...	Ditto ditto . . .	7th Nov. 1885	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 2nd grade	21st Apl. 1886.
...	Ditto ditto . . .	20th Nov. 1886	.....	...

Detached for Special Duty in connection with the defences of Herat during the summer of 1885. Returned to India via the Hindu Kush and Kabul, arriving at Peshawur 1st November 1886, after completing a Geographical Survey from Quetta to Kabul. Services specially commended and received Brevet of Lieutenant-Colonel, 16th February 1887.

On duty at India Office, from 25th November 1886 to 25th March 1887.

Furlough on medical certificate for 1 year and 21 days, from 25th March 1887.

Dehra Dún .	Dy. Supdt., 3rd grade, in charge Drawing Office, Trigl. Branch	14th Apl. 1888	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	17th July 1888.
Quetta .	Ditto ditto, in charge No. 15 Baluchistan Party .	3rd Nov. 1888	Ditto ditto	...
Dehra Dún .	Dy. Supdt., 2nd grade, ditto	26th Mar. 1889	.....	...
Quetta .	Ditto, in charge No. 15 Baluchistan Party and Simla Drawing Office	10th Feb. 1890	.....	...

On Special Duty as Survey Officer with Zhob Expedition, 1889.

Placed on half-pay as Lieutenant-Colonel, 17th December 1889.

On Special Duty as Survey Officer with Zhob Field Force, from 1st October to 30th November 1890.

...	Dy. Supdt., 2nd grade	Dy. Supdt., 1st grade .	14th Mar. 1891.
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Furlough to England for 6 months, from 17th April 1891.

...	Dy. Supdt., 1st grade (<i>sub. pro tem.</i>)	2nd Apl. 1891
Quetta .	Ditto in charge No. 15 Party (Baluchistan) and Simla Drawing Office	16th Oct. 1891	.....	...

Promoted to Brevet-Colonel, 1st September 1891.

...	Dy. Supdt., 1st grade (confirmed)	1st July 1892	.....	...
Quetta .	Ditto ditto in charge No. 15 Party (Baluchistan) and Simla Drawing Office	10th Aug. 1892	.....	...
Ditto .	Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Simla .	Ditto ditto	13th Apl. 1894	.....	...

Appointed a O.B. and C.I.E. in May 1894.

On Special Duty as Survey Officer with the Kunar Valley Delimitation Commission under the political charge of Mr. Udny, C.S., 25th November 1894.

Returned to India 23rd April 1895.

Simla .	Supdt., 1st grade, in charge No. 15 Party (Baluchistan), and Simla Drawing Office .	23rd April 1895	.....	...
...	Ditto, in charge Paimir Detachment	14th June 1895	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On deputation, Foreign Department, as British Commissioner for the delimitation of the Perso-Baluch Boundary Commission, 15th January 1896.</i>				

War Services.—Served on special duty during the Bhutan Campaign from October 1865 to close of campaign; present with the Buxa Column to its furthest advance, and subsequently with the Dewangiri Column; despatches not published—Frontier Medal and Clasp for Bhutan; served on special survey duty during the Abyssinian Campaign from December 1867 to close of campaign; mentioned in despatches, and services commended by Secretary of State for War—Medal. Served on special survey duty during the first period of the Afghan Campaign in South Afghanistan; completed the Topographical survey of the Kadanai Valley and the route from Peshin to India *via* Thal Chotiali; mentioned in despatches; services commended by Governor General in Council and Secretary of State for India—Afghan Medal and Brevet-Majority; appointed to charge of survey operations in Northern Afghanistan during second period of campaign. Present at Kabul during the winter of 1879-80; siege and defence of Sherpur and actions near the city. Appointed Assistant Field Engineer during the defence; mentioned in despatches. Present during the occupation of Lugman Valley; expeditions to Kohistan, Logar, Wardak, etc.—Medal with clasp for Kabul; services commended by Governor General in Council and Secretary of State for India—Clasp for Sherpur, Brevet-Major March 1881. Served in charge of Survey operations during the Waziri Expedition of 1881; present during skirmish when survey party was attacked on Shaidar Mountain; mentioned in despatches. In charge of survey party on Takht-i-Suliman Survey Expedition, December 1883; led the flanking party up the mountain by night, which dispersed the Kedarzais, who held the summit. In charge of survey operations during the Zhob-Gomal Expedition of 1889-90, when the Gomal pass was opened to India. Served with Zhob and Sherani Expedition, 1890. Brevet-Colonel, 1st September 1891.

Literary Works.—Contributed to the records of the Royal Geographical Society and to the Encyclopædia Britannica on the subject of the geography of Afghanistan and the Indian frontier; contributed occasional papers to the Journal of the Royal United Service Institute, of which the principal was a paper read in 1878, advocating instruction in Indian and Continental methods of topography at the military schools of England; instruction in the use of the plane-table being now universal; occasional papers to magazines, etc., lectures on Geographical Surveying at Royal Engineers' Institute, Chatham. Received the Gold Medal of the Royal Geographical Society for Afghan Boundary Commission Surveys in May 1887.

Jackson, Edwin James.—Joined the service, 26th September 1864; arrived, 26th June 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Senior Sub-Asst. Revenue Surveyor	26th Sept. 1864	.....	...
Ditto	Ditto, 2nd Divn., Lower Provinces, Bengal	1st Nov. 1864	.....	...
Barrackpur	Ditto ditto	1865	.....	...
Purulia	Asst. Surveyor (on probation)	1st Apl. 1866	.....	...
Calcutta	Ditto ditto	21st May 1866	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 15 days, from 4th to 18th June 1866.</i>				
Gauhati .	Asst. Surveyor, 1st or Northern Divn., Assam	18th Aug. 1866	.....	...
Raipur .	Ditto, 2nd Divn., Central Provinces	6th Mar. 1867	.....	...
<i>Leave on medical certificate for 1 month, from 4th July 1867.</i>				
Nagpur .	Asst. Surveyor (on probn.), Central Provinces	4th Aug. 1867	.....	...
<i>Leave on medical certificate for 3 months and 13 days, from 19th August 1867.</i>				
Raipur .	Asst. Surveyor (on probn.), Central Provinces	1st Dec. 1867	.....	...
Nagpur .	Asst. Supdt., 2nd grade	5th Nov. 1868	.....	...
Calcutta	Ditto ditto	26th May 1869	.....	...
Ditto	Ditto ditto	1st Sept. 1869	.....	...
Kuch Behar .	Ditto, 5th Divn., Bengal	Nov. 1869	.....	...
Hooghly .	Ditto, 4th Divn., Bengal	1st Nov. 1870	.....	...
<i>Furlough to Europe for 1 year 3 months and 12 days, from 30th July 1871.</i>				
Calcutta	Asst. Supdt., 2nd grade	11th Nov. 1872	.....	...
Jeypur .	Ditto ditto . . . . .	...	In charge 2nd Division, Revenue Survey (Assam)	20th Jan. 1873.
<i>Examination leave for 3 months, from 1st August 1874.</i>				
Calcutta	Asst. Supdt., 2nd grade	1874	.....	...
Cocher	Ditto ditto	1875	.....	...
Barrackpur	14th or Dearah Divn.	1876	.....	...
<i>Examination leave for 3 months, from 6th September 1876.</i>				
Calcutta	Asst. Supdt., 2nd grade, 14th or Dearah Divn.	1877	.....	...
Naini Tal	5th Divn., N.-W. P.	1st July 1877	.....	...
Banda .	14th or Dearah Divn.	1878	.....	...
Kirwi .	Ditto ditto	1879	.....	...
<i>Furlough for 1 year 7 months and 3 days, from 1st May 1880.</i>				
Calcutta	Asst. Supdt., 2nd grade	4th Dec. 1881	.....	...
Rangoon	Ditto ditto No. 2 Cadastral Party, Hanthawaddy District, British Burma	18th Dec. 1881	.....	...
Ditto	Ditto, 1st grade	1st July 1882	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	19th Nov. 1882.
Ditto	Ditto ditto	6th Dec. 1882	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	29th Apl. 1883.
Ditto	Ditto ditto, in charge No. 2 Party . . . . .	...	Ditto ditto	19th Feb. 1884.
Ditto	Asst. Supdt., 1st grade . . . . .	...	Ditto ditto	June 1885.
Ditto	Dy. Supdt., 4th grade	26th Oct. 1885	.....	...
Calcutta	Ditto ditto	Nov. 1885	.....	...
<i>Furlough to Europe for 11 months and 12 days, from 12th November 1885.</i>				
...	Dy. Supdt., 4th grade	24th Oct. 1886	.....	...
Poona .	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	27th Oct. 1886.
Saugor .	Ditto ditto, in charge No. 12 Traverse Party	29th Oct. 1886	Ditto ditto . . . . .	...
Ditto	Ditto ditto	17th Dec. 1886	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	1st Jan. 1887.
Ditto	Ditto ditto	5th Jan. 1887	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	15th May 1887.
Ditto	Ditto ditto	26th Sept. 1887	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	21st June 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rangoon	Dy. Supdt., 4th grade, in charge No. 12 Party, Lower Burma, Traverse Survey	Nov. 1889	.....	...
Ditto	Dy. Supdt., 3rd grade, ditto	1st Oct. 1890	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	7th May 1891.
<i>Furlough for 1 year and 3 months, from 3rd August 1891.</i>				
...	Dy. Supdt., 1st grade	18th Aug. 1892	.....	...
Calcutta	Ditto ditto, on duty at Head-quarters Office	2nd Nov. 1892	.....	...
Burma	Ditto, in charge No. 20 Party (Burma)	15th Nov. 1892	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	29th Apl. 1893.
Ditto	Ditto ditto	1st Nov. 1893	.....	...
Ditto	Ditto ditto attached to No. 20 Party (Burma)	4th Nov. 1893	.....	...
Kamptee	Ditto ditto in charge No. 9 Party (C. P.)	17th Nov. 1893	.....	...
Ditto	Ditto ditto ditto	...	Supdt., 2nd grade	28th Apl. 1894.
<i>Privilege leave for 70 days, from 9th January 1895.</i>				
Kamptee	Supdt., 2nd grade, in charge No. 9 Party (C. P.)	26th Mar. 1895	.....	...

Lenox-Conyngham, Captain Gerald Ponsonby, R.E.—Joined the service, 16th September 1885; arrived, 21st January 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers	16th Sept. 1885	.....	...
...	Posted to the Indian Establish- ment	22nd Dec. 1887	.....	...
Rawal Pindi	Lieutenant, Royal Engineers	...	Asst. Engineer, 2nd grade, Mily. Works Dept.	14th Feb. 1888.
Murree	Ditto	...	Ditto, in charge of the Murree Sub- division	Apl. 1888.
Umballa	Ditto	...	Ditto, Sirhind and Lahore Com- mand, Umballa Division	15th May 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Employed with Chor Survey Party until 25th June 1889.</i>				
Mussooree	Asst. Supdt., 2nd grade, Survey of India, No. 22 Party	16th July 1889	.....	...
Ditto	Ditto ditto, in charge No. 23 Party (Astrol. II)	1st Oct. 1889	.....	...
Ditto	Ditto, 1st grade, in charge No. 23 Party (Astrol. II)	1st Oct. 1890	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 4th grade	1st Oct. 1890.
Ditto	Ditto ditto, in charge Nos. 22 and 23 Parties (Astrol. I and II)	22nd Oct. 1890	Ditto ditto	...
Ditto	Ditto ditto	5th Dec. 1890	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 4th grade	14th Mar. 1891.
<i>Made over charge of No. 22 Party (Astrol. I), 2nd November 1891.</i>				
Mussooree	Asst. Supdt., 1st grade, in charge No. 23 Party (Astronomical)	...	Dy. Supdt., 2nd grade	18th Aug. 1892.
<i>Privilege leave from 5th to 30th September 1893, and from 19th October to 5th November 1893; and special Examination leave, 1st to 18th October 1893.</i>				
Mussooree	Asst. Supdt., 1st grade, in charge No. 23 Party (Astronomical)	6th Nov. 1893	Dy. Supdt., 2nd grade	...
Ditto	Dy. Supdt., 2nd grade, in charge No. 23 Party (Astronomical)	8th May 1894	.....	...
<i>Privilege leave for 69 days from 11th July 1894.</i>				
Mussooree	Dy. Supdt., 2nd grade, in charge No. 23 Party (Astronomical)	18th Sept. 1894	.....	...
<i>Promoted to Captain, 17th December 1894.</i>				
Mussooree	Dy. Supdt., 2nd grade, in charge No. 23 Party (Astronomical)	...	Dy. Supdt., 1st grade	9th July 1895.
Ditto	Ditto ditto ditto	28th Oct. 1895	Ditto ditto	28th Oct. 1895.
Ditto	Ditto ditto ditto	3rd Nov. 1895	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 1st grade	25th Jan. 1896.
<i>Furlough to Europe, on private affairs, for one year, from 30th May 1896.</i>				

Litchfield, Edward Ferdinand.—Joined the service, 26th November 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Asst. Surveyor, 4th grade (probationary), Kumaon and Garhwal Survey	26th Nov. 1868	.....	...
	<i>Privilege leave for 15 days, from 2nd October 1872.</i>			
Dehra Dún	Asst. Surveyor, 3rd grade, ditto	1st Apl. 1873	.....	..
	<i>Privilege leave for 1 month, from 5th June 1873.</i>			
	<i>Privilege leave for 15 days, from 29th July 1874.</i>			
Dehra Dún	Asst. Surveyor, 2nd grade, Kumaon and Garhwal Survey.	1st Apl. 1875	.....	...
Ditto	.....	...	Sub-Asst. Conservator of Forests, Forest Surveys	16th Oct. 1876.
...	Sub-Asst. Conservator of Forests, Forest Surveys	1st Sept. 1877	.....	...
...	Ditto ditto	...	Asst. Conservator of Forests, 3rd grade	18th Feb. 1878.
...	Ditto ditto	5th Dec. 1878	.....	...
...	Ditto ditto	...	Asst. Conservator of Forests, 3rd grade	22nd Jan. 1879.
	<i>Privilege leave for 1 month, from 22nd July 1879.</i>			
...	Asst. Conservator of Forests, 3rd grade	1st June 1880	.....	...
...	Ditto, 2nd grade	30th Dec. 1880	.....	...
	<i>Privilege leave for 1 month and 21 days, from 3rd September 1881.</i>			
...	Asst. Conservator of Forests, 2nd grade	...	Dy. Supdt., Forest Surveys	5th May 1882.
...	Ditto ditto	5th Aug. 1882	.....	...
...	Ditto, 1st grade	3rd Sept. 1882	.....	...
...	Ditto ditto	...	Dy. Conservator of Forests, 4th grade	3rd Sept. 1882.
...	Ditto ditto	...	Ditto, 3rd grade	1st Mar. 1883.
...	Ditto ditto	...	Ditto, 4th grade	2nd Apl. 1883.
...	Ditto ditto	...	Dy. Supdt., Forest Surveys	2nd June 1883.
...	Ditto ditto	8th Jan. 1884	.....	...
...	Ditto ditto	...	Dy. Conservator of Forests, 4th grade	16th Jan. 1884.
...	Ditto ditto	16th Mar. 1885	.....	...
...	Ditto ditto	...	Dy. Conservator of Forests, 4th grade	28th Apl. 1885.
	<i>Privilege leave for 1 month and 15 days, from 29th June 1885.</i>			
...	Dy. Conservator of Forests, 4th grade (sub. pro tem.)	1st Aug. 1886	.....	...
	<i>Privilege leave for 2 months, from 2nd September 1886.</i>			
...	Asst. Conservator of Forests, 1st grade	...	Dy. Conservator of Forests, 4th grade	27th July 1887.
...	Ditto ditto	...	Ditto, 3rd grade	11th Sept. 1887.
...	Ditto ditto	...	Ditto, 4th grade	10th Oct. 1887.
...	Ditto ditto	...	Ditto, 3rd grade	6th Nov. 1887.
...	Ditto ditto	...	Ditto, 4th grade	2nd Dec. 1887.
...	Ditto ditto	...	Ditto, 3rd grade	23rd Dec. 1887.
...	Ditto ditto	...	Ditto, 4th grade	16th Aug. 1888.
...	Ditto ditto	...	Dy. Supdt., Forest Surveys	5th Apl. to 5th July 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Dy. Conservator of Forests, 4th grade	1st Jan. 1889	.....	...
...	Ditto ditto	...	Dy. Conservator of Forests, 3rd grade.	8th May 1889.
...	Ditto ditto	...	Supdt., Forest Surveys	21st Jan. to 23rd Oct. 1890.
...	Ditto ditto	...	Dy. Conservator of Forests, 2nd grade	11th Apl. 1890.
...	Asst. Supdt., 2nd grade, Survey of India	24th Oct. 1890	.....	...
...	Ditto ditto	...	Asst. Supdt., 1st grade	24th Oct. 1890.
...	Ditto, 1st grade	31st Mar. 1891	.....	...
...	Ditto ditto	...	Dy. Supdt., 4th grade	9th June 1891.
<i>Privilege leave for 3 months, from 1st July 1891.</i>				
Dehra Dún	Asst. Supdt., 1st grade	2nd Nov. 1891	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	24th Sept. 1893.
Ditto	Ditto ditto	1st Nov. 1893	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	8th May 1894.
Ditto	Ditto ditto	30th Nov. 1894	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	20th Mar. 1895.
<i>Privilege leave for 3 months, from 27th June 1895.</i>				
Dehra Dún	Dy. Supdt., 2nd grade	12th Dec. 1895	.....	...
Ditto	Ditto ditto	.....	Dy. Supdt., 1st grade	28th May 1896.

Longe, Major Francis Bacon, R.E.—Joined the service, 2nd February 1876; arrived, 15th January 1879.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Licutenant, Royal Engineers	2nd Feb. 1876	.....	...
...	Appointed to Indian Establishment	1st Nov. 1878	.....	...

On duty at Royal Engineering Establishment, Chatham, from February 1876 to July 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Afghanistan .	Asst. Supdt., 3rd grade (Super- numerary)	15th Mar. 1880	.....	...
<i>Served as Assistant Survey Officer with Kabul and Kandahar Field Force from 15th March 1880 to May 1881.</i>				
Bangalore .	Asst. Supdt., 3rd grade (Super- numerary)	13th Oct. 1881	.....	...
... .	Ditto, 2nd grade (Super- numerary)	1st July 1882	.....	...
... .	Ditto, 2nd grade	13th Sept. 1882	Asst. Supdt., 1st grade	13th Sept. 1882.
Poona . . .	Ditto ditto, in charge Deccan Party	6th Oct. 1883	Ditto ditto . . . . .	...
Gorakhpur .	Ditto ditto No. 5 Party, Gorakhpur Survey	22nd Nov. 1883	.....	...
... .	Ditto, 1st grade, No. 5 Party, Gorakhpur Survey	10th Jan. 1884	.....	...
Gorakhpur .	Ditto ditto No. 5 ditto ditto . . . . .	... .	Dy. Supdt., 4th grade	6th Mar. 1884.
... .	Ditto ditto	14th Mar. 1884	.....	...
<i>Privilege leave for 3 months from 9th June 1884.</i>				
Gorakhpur .	Asst. Supdt., 1st grade, No. 5 Party, Gorakhpur Survey . . . . .	...	Dy. Supdt., 4th grade	26th Aug. 1884.
Calcutta .	Ditto ditto on duty at Head-quarters Office	17th Jan. 1885	Ditto ditto . . . . .	...
<i>In charge of Suakim Expeditionary Survey from 4th March 1885.</i>				
Poona . . .	Asst. Supdt., 1st grade, attached to the Tidal and Levelling Operations	19th June 1885	Dy. Supdt., 4th grade	...
Ditto . . .	Ditto ditto, in charge South Mahratta Sur- vey Party	6th July 1885	Ditto ditto . . . . .	...
Ditto . . .	Ditto ditto, attached to the Tidal and Levelling Operations	19th Oct. 1885	Ditto ditto . . . . .	...
Ditto . . .	Ditto ditto, in charge South Mahratta Sur- vey Party	29th Dec. 1885	Ditto ditto . . . . .	...
<i>Elected for continuous Indian service, 3rd September 1886.</i>				
Baluchistan .	Asst. Supdt., 1st grade, in charge No. 15 Party	1st Nov. 1886	Dy. Supdt. 4th grade	...
<i>Promoted to Captain, 2nd February 1887.</i>				
<i>Privilege leave for 3 months, from 12th December 1887, and overstayed it by 5 days.</i>				
Baluchistan .	Dy. Supdt., 4th grade, in charge No. 15 Party	11th Apl. 1888	.....	...
Ditto . . .	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	1st Sept. 1888.
... .	Dy. Supdt., 4th grade, in charge No. 15 Party	23rd Oct. 1888	.....	...
... .	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	1st Nov. 1888.
<i>Furlough for 1 year 11 months and 29 days, from 16th November 1888.</i>				
Calcutta .	Dy. Supdt., 4th grade, Head- quarters Office	15th Nov. 1890	Dy. Supdt., 3rd grade	15th Nov. 1890.
Mandalay .	Ditto ditto in charge No. 21 Party	9th Dec. 1890	Ditto ditto . . . . .	...
Ditto . . .	Ditto, 3rd grade, ditto	10th Dec. 1890	.....	...
<i>Privilege leave for 1 month and 10 days, from 22nd February 1892.</i>				
<i>On duty at Royal Engineering Establishment, Chatham, from 1st April 1892.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Dy. Supdt., 1st grade . . .	18th Aug. 1892	.....	...
Calcutta	Ditto attached to Headquarters Office . . .	19th Jan. 1893	.....	...
Mandalay	Ditto, 1st grade, in charge No. 21 Party (Upper Burma)	3rd Feb. 1893	.....	...
Ditto	Ditto ditto in charge ditto and No. 11 Party (Upper Burma)	12th Sept. 1893	.....	...
<i>Made over charge of No. 11 Party (Upper Burma), 12th October 1893.</i>				
Mandalay	Dy. Supdt., 1st grade, in charge No. 21 Party (Upper Burma)	...	Supdt., 2nd grade . . .	6th Apl. 1895.
<i>Promoted to Major, 17th April 1895.</i>				
<i>Privilege leave for 2 months and 22 days, from 10th July to 25th August 1895, and from 15th February to 20th March 1896, overstayed by 3 days from 21st to 23rd March 1896.</i>				
<i>On special duty in England, from 26th August 1895 to 14th February 1896.</i>				
...	Supdt., 2nd grade . . .	21st Jan. 1896	.....	...
Mandalay	Ditto ditto in charge No. 21 Party (Upper Burma)	16th Apl. 1896	.....	...

War Services.—Joined the head-quarters of the Bengal Sappers and Miners in the Khyber at Jellalabad in February 1879; served as Assistant Field Engineer, attached to the 7th Company, Bengal Sappers and Miners, with the Kurram and Kabul Field Forces from March 1879 to March 1880, and was present at the battle of Charasia, 8th October 1879; occupation of Kabul and actions round Kabul from 10th to 23rd December; served as Assistant Superintendent of Survey with Kabul and Kandahar Field Force from 15th March 1880 to the close of the campaign in May 1881, and was present at skirmish at Saiduabad on 26th April 1880; marched with the force under Sir F. Roberts from Kabul to Kandahar, and was present at the battle of Kandahar, 1st September; twice mentioned in Despatches of Sir F. Roberts and received the thanks of the Governor General—Medal and 3 clasps and bronze star; served as Survey Officer with the Suakim Expeditionary Force from 4th March to 1st June 1885—Medal and clasp and Egyptian Star.

Mackenzie, Captain Ronald Joseph Henry Lewis, R.E.—Joined the service, 25th July 1882; arrived, 3rd February 1887.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers . . .	25th July 1882	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Served with the Suakim Field Force in 1885.</i>				
...	Posted to the Indian Establish- ment	4th Jan. 1887	.....	...
Quetta .	Attached Officer, Baluchistan Command, Mily. Works .	3rd Feb. 1887	.....	...
Ditto .	Ditto ditto .	...	Asst. Engr., 2nd grade, Mily. Works Dept. .	7th Mar. 1887.
Ditto .	Asst. Engineer, 2nd grade, Mily. Works Dept. .	1st Nov. 1887	.....	...
Debra Dún .	Asst. Supdt., 2nd grade, Sur- vey of India, attached to No. 16 Party (Baluchistan II) .	26th Mar. 1888	.....	...
Quetta .	Ditto ditto, at- tached to No. 15 Party (Bal- uchistan)	1st Oct. 1888	.....	...
Ditto .	Ditto ditto, . . . . .	...	Asst. Supdt., 1st grade	1st Jan. 1889.
Ditto .	Ditto 1st grade, attach- ed to No. 15 Party (Baluchis- tan)	27th Mar. 1889	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	7th May 1889.
<i>Accompanied the Gomal Expedition in 1889-90.</i>				
<i>Privilege leave for 1 month, from 9th June 1890.</i>				
<i>Promoted to Captain, 24th September 1890.</i>				
<i>On Special Duty, with the Zhob Valley Field Force, from 1st October to 30th November 1890.</i>				
Quetta .	Asst. Supdt., 1st grade, in charge No. 15 Party (Baluchis- tan)	10th Apl. 1891	Dy. Supdt., 4th grade	...
<i>Served as Survey Officer with the Miranzai Field Force, from 28th April to 8th June 1891.</i>				
Quetta .	Asst. Supdt., 1st grade, in charge No. 15 Party (Bal- uchistan)	23rd June 1891	Dy. Supdt., 4th grade	...
Ditto .	Ditto ditto . . . . .	...	Ditto, 3rd grade	22nd July 1891.
Ditto .	Ditto ditto . . . . .	...	Ditto, 4th grade	16th Oct. 1891.
Ditto .	Dy. Supdt., 4th grade (<i>sub. pro tem.</i>), in charge No. 15 Party (Baluchistan)	13th Oct. 1891	.....	...
Ditto .	Ditto ditto, attached to ditto	16th Oct. 1891	.....	...
<i>Privilege leave for 3 months, from 23rd May 1892, and overstayed it by 4 days, 23rd to 26th August 1892.</i>				
Quetta	Dy. Supdt., 4th grade (con- firmed), attached to No. 15 Party (Baluchistan)	1st July 1892	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	13th Aug. 1892.
Ditto .	Ditto, 2nd grade, ditto	18th Aug. 1892	Dy. Supdt., 1st grade.	18th Aug. 1892.
Ditto .	Ditto ditto	27th Aug. 1892	Ditto ditto	27th Aug. 1892.
Ditto .	Ditto ditto	6th Oct. 1892	.....	...
<i>Served as Survey Officer attached to the Khajuri Kach Field Force during September and October 1892.</i>				
<i>Privilege leave for 1 month and 1 day, from 14th August 1893, and overstayed it by one day.</i>				
Quetta	Dy. Supdt., 2nd grade, attached to No. 15 Party (Baluchistan)	16th Sept. 1893	.....	...
<i>On Special Duty as Survey Officer with the Domandi Section of the Baluch-Afghan Delimitation Commission, from 1st April 1895.</i>				
Quetta	Dy. Supdt., 2nd grade, attached to No. 15 Party (Baluchistan)	...	Dy. Supdt., 1st grade	23rd Apl. 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Furlough for 1 year, from 1st July 1895 (in India up to 13th December 1895.)</i>				

War Services.—Served with the Suakim Field Force in 1885, and was present at the actions at Hashecn, the attack on the convoy, 26th March, and Tamai, and received a medal and clasp and the Khedive's star; accompanied the Gomal Expedition in 1889-90; on special duty with the Zhob Valley Field Force from 1st October to 30th November 1890; Survey Officer with the Miranzai Field Force from 28th April to 8th June 1891; mentioned in despatches—Medal; served as Survey Officer with the Khajuri Kach Field Force during September and October 1892.

Morice, Lieut. Cuthbert Charles Duguid, R.E.—Joined the service, 18th February 1886; arrived, 6th April 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieut., Royal Engineers	18th Feb. 1886	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from 10th April 1886 to 31st July 1889.</i>				
<i>Sick leave for 1 year, from October 1887 to October 1888.</i>				
...	Lieut., 5th (Fortress) Co., R.E., Chatham	1st Aug. 1889	.....	...
...	Posted to the Indian Establish- ment	10th Feb. 1890	.....	...
Jhansi	Landed in India and attached to Mily. Works Dept.	6th April 1890	.....	...
Ditto	Asst. Engr., 2nd grade, M.W.	1st June 1890	.....	...
Ditto	Ditto, 1st grade, M.W.	30th Jan. 1891	.....	...
<i>Leave on medical certificate for 270 days, from 6th February 1891.</i>				
Poona	Asst. Supdt., 2nd grade, Survey of India, attached to No. 25 Party, Tidal and Levelling Operations	11th Nov. 1891	.....	...
Ditto	Ditto ditto	...	Asst. Supdt., 1st grade	1st Nov. 1892.
Dehra Dún	Ditto, 2nd grade, Survey of India, attached to Com- puting Party	22nd Mar. 1893	Ditto ditto	...
Poona	Ditto, attached to No. 25 Party, Tidal and Levelling Operations	1st July 1893	Ditto ditto	...
Ditto	Ditto ditto, in charge ditto	10th July 1893	Ditto ditto	..
Ditto	Ditto ditto, attached to ditto	4th Oct. 1893	Ditto ditto	...
<i>Privilege leave for 2 months, from 2nd April 1894.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
... Poona . . .	Asst. Supdt., 1st grade . . .	28th Apl. 1894	.....	...
	Ditto ditto, attached to No. 25 Party, Tidal and Level- ling Operations	2nd June 1894	.....	...
Ditto . . .	Ditto ditto in charge ditto	6th Apl. 1895	.....	...
Ditto . . .	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	23rd Apl. 1895.
Ditto . . .	Ditto ditto	29th Apl. 1895	.....	...
Ditto . . .	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	1st July 1895.
<i>Privilege leave for 1 month and 22 days. from 9th August 1895.</i>				
Poona . . .	Asst. Supdt., 1st grade, in charge No. 25 Party Tidal and Levelling Operations . . .	1st Oct. 1895	Dy. Supdt., 2nd grade	...
Ditto . . .	Ditto ditto attached to ditto	6th Oct. 1895	Ditto ditto . . .	...
Ditto . . .	Ditto ditto ditto	15th Nov. 1895	.....	...
Ditto . . .	Ditto ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	11th Dec. 1895.
Ditto . . .	Ditto ditto in charge No. 25 Party Tidal and Levelling Operations	25th Dec. 1895	Ditto ditto	...

Pemberton, James Stewart.—Joined the service, 6th October 1860.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
C. Provinces .	Junior Sub-Asst., 3rd Division, Central Provinces	6th Oct. 1860	.....	...
Ditto . . .	Sub-Asst. Rev. Surveyor, 3rd class, Central Provinces . . .	1st Jan. 1863	.....	...
Ditto . . .	Ditto ditto, 2nd class, Central Provinces . . .	1st Jan. 1864	.....	...
Ditto . . .	Ditto ditto	1st April 1866	.....	...
<i>Privilege leave for 8 days from 23rd to 30th June 1866.</i>				
C. Provinces .	Sub-Asst. Rev. Surveyor, 2nd grade, 3rd Division Central Provinces	1st July 1866	.....	...
Ditto . . .	Ditto ditto, 2nd Division, Central Provinces	20th Jan. 1866	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
C. Provinces	Asst. Surveyor, 1st grade, 2nd Division, Central Provinces	1st April 1869	.....	...
<i>Privilege leave for 15 days, from 5th to 19th June 1869, and overstayed it by 5 days, from 20th June 1869.</i>				
C. Provinces .	Asst. Surveyor, 1st grade, 2nd Division, Central Provinces	21st June 1869	.....	...
<i>Privilege leave for 20 days, from 30th September to 19th October 1871.</i>				
C. Provinces .	Asst. Surveyor, 1st grade, 2nd Division, Central Provinces	20th Oct. 1871	.....	...
Delhi	Ditto ditto, Delhi and Hissar Survey	1st Nov. 1871	.....	...
Ditto	Surveyor, 4th grade, Delhi and Hissar Survey	1st April 1872	.....	...
Patiala, Jeypur	Ditto, on special duty	1st Nov. 1874	.....	...
Delhi	Ditto, Delhi and Hissar, subsequently called "2nd Division, Gurgaon Survey"	1st April 1875	.....	...
Ditto	Ditto, 3rd grade, 2nd Division, afterwards called "Sirsa and Rohtak District Survey"	1st Jan. 1878	.....	...
Calcutta	Surveyor on duty, Head-quarters Office	1st April 1878	.....	...
Burma	Ditto, British Burma Survey	1st Jan. 1879	.....	...
<i>Privilege leave for 3 months, from 27th June to 26th September 1879.</i>				
Calcutta	Surveyor, 3rd grade, on duty Head-quarters Office	27th Sept. 1879	.....	...
Jaunpore	Ditto, No. 6 Party, Jaunpore Survey	18th Oct. 1879	.....	...
Calcutta	Ditto, Hooghly River Survey	1st Nov. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	23rd Sept. 1883	.....	...
Assam	Ditto, No. 6 Party, Assam	1st Oct. 1883	.....	...
Basti	Ditto, No. 4 Party, Basti	1st Nov. 1884	.....	...
Punjab	Ditto, No. 1 Party (Punjab)	14th Oct. 1885	.....	...
Ditto	Ditto, 1st grade, No. 1 Party (Punjab)	24th Nov. 1887	.....	...
Ditto	Ditto, in temporary charge No. 1 Party (Punjab)	1st Nov. 1888	.....	...
Ditto	Ditto, attached to ditto	16th Jan. 1889	.....	...
Ditto	Ditto, in charge ditto	1st Dec. 1889	.....	...
Ditto	Ditto, in charge Indus Riverain Detachment	1st Nov. 1890	.....	...
Bihar	Ditto, in charge Bihar Detachment	1st Nov. 1891	.....	...
Ditto	Asst. Supdt., 2nd grade, ditto	1st April 1892	Asst. Supdt., 1st grade	1st Apl. 1892.
Ditto	Ditto ditto ditto, and in charge Burdwan Detachment	5th July 1892	Ditto . . . . .	...

Privilege leave for 2 months and 16 days, from 16th August 1892.

Made over charge of Bihar Detachment, 12th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar . . .	Asst. Supdt., 2nd grade, attached to Nos. 4 and 5 Parties (Bihar)	28th Oct. 1892	Asst. Supdt., 1st grade	...
Ditto . . .	Ditto ditto ditto . . .	...	Ditto ditto, in temporary charge Nos. 4 and 5 Parties (Bihar)	3rd July 1893.
Ditto . . .	Ditto ditto ditto . . .	5th Sept. 1893	Asst. Supdt., 1st grade	...
Ditto . . .	Ditto ditto ditto . . .	6th Nov. 1893	.....	...
Ditto . . .	Ditto ditto ditto . . .	...	Asst. Supdt., 1st grade	3rd Dec. 1893.
Ditto . . .	Ditto ditto ditto . . .	13th Jan. 1894	.....	...
Ditto . . .	Ditto ditto ditto . . .	...	Asst. Supdt., 1st grade	3rd Apl. 1894.
Ditto . . .	Ditto ditto ditto . . .	...	Ditto ditto, in temporary charge Nos. 4 and 5 Parties (Bihar)	4th Sept. 1894.
Ditto . . .	Ditto ditto ditto . . .	2nd Oct. 1894	Ditto ditto . . .	...
Nasini Tal . . .	Ditto ditto, in charge N.-W. P. and Oudh Detachment	1st Nov. 1894	Ditto ditto . . .	...
Ditto . . .	Asst. Supdt., 1st grade, ditto . . .	26th Mar. 1895	.....	...
Ditto . . .	Ditto, ditto in charge No. 8 Party (N.-W. P. and Oudh)	12th Oct. 1895	.....	...
Ditto . . .	Ditto ditto ditto . . .	...	Dy. Supdt., 2nd grade	28th May 1896.

Pilcher, Lieutenant Arthur James, R.E.—Joined the service, 18th February 1886; arrived, 4th January 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers . . .	18th Feb. 1886	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from 10th April 1886 to June 1889.</i>				
Chatham . . .	Lieut., 39th (Sub-Marine Mining) Co., R.E. . . .	20th June 1889	.....	...
...	Posted to the Indian Establishment	4th Dec. 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rangoon .	Asst. Engr., 2nd grade, Mily. Works Dept.	4th Jan. 1890	.....	...
Ditto .	Asst., Sub-Marine Mining Officer	5th Jan. 1890	.....	...
Ditto .	Asst. Engr., 1st grade, Mily. Works Dept.	20th June 1890	.....	...
Ditto .	Ditto, in charge Sub-Marine Defences	26th Jan. 1891	.....	...
Calcutta .	Ditto ditto	3rd Jan. 1892	.....	...
Bihar .	Asst. Supdt., 2nd grade, Survey of India, attached to No. 4 Party (Western Duars)	16th July 1892	.....	...
Ditto .	Ditto ditto	...	In charge Bihar Detachment	12th Aug. 1892.
Ditto .	Ditto ditto (Bihar)	1st Oct. 1892	.....	...
...	Ditto ditto	...	Asst. Supdt., 1st grade	16th July 1893
Mussoorie .	Ditto, attached to No. 24 Party (Upper Burma)	6th Sept. 1893	.....	...
Burma .	Ditto ditto	5th Nov. 1893	.....	...
Ditto .	Ditto ditto	...	Asst. Supdt., 1st grade	8th April 1894.
<i>Leave out of India, (p.a.) for 4 months, from 16th June to 12th October 1894.</i>				
Burma .	Asst. Supdt., 2nd grade, attached to No. 24 Party (Upper Burma)	19th Oct. 1894	Asst. Supdt., 1st grade	19th Oct. 1894.
Poona .	Ditto ditto in charge No. 10 Party (Bombay)	3rd Sept. 1895	Ditto ditto	...
Ditto .	Ditto 1st grade ditto.	12th Dec. 1895	.....	...
<i>Privilege leave for 1 month and 19 days, from 25th April 1896.</i>				
Poona .	Asst. Supdt. 1st grade in charge No. 10 Party (Bombay)	...	Dy. Supdt., 2nd grade	20th June 1896.

Pirrie, Lieutenant Francis William, I.S.C.—Joined the service, 14th September 1887; arrived, 18th December 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at the Royal Military College, Sandhurst, from 1st September 1886 to 15th July 1887.</i>				
...	2nd Lieutenant, 2nd Battalion Lincolnshire Regiment	14th Sep. 1887	...	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Cawnpore .	Appointed to the Bengal Staff Corps	25th Oct. 1889	Wing Officer, 4th Bengal Infantry (on probation)	25th Oct. 1889
Jhansi .	Wing Officer, 4th (P. A. V.) B. I. (on probation)	18th Nov. 1890	.....	...
Fyzahad .	Wing Officer, 4th (P. A. V.) Bengal Infantry	19th June 1891	.....	...
<i>Leave to England, from 27th October 1892 to 23rd October 1893.</i>				
Dehra Dún .	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Trigl. Branch Office	11th June 1895	.. ..	...
Simla .	Ditto ditto attached to No. 18 Party. (Himalaya)	1st Nov. 1895	.....	...
Ditto .	Ditto ditto (confirmed) ditto	11th June 1896	Asst. Supdt., 1st grade	...
Ditto .	Ditto ditto attached to Simla Drawing Office	16th June 1896	Ditto ditto	...

War Services.—Served with the Chitral Relief Force from 16th March to 3rd June 1895, as Assistant Commissariat Officer, 1st Brigade. Present at the action at Malakund on 3rd April 1895, under the Command of General Sir Robert Low.

Pope, Thomas Archdale.—Joined the service, 17th July 1880.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Cuddapah .	2nd Class Inspector of Police	17th July 1880	.....	...
Madras .	Proby. 2nd grade Asst. Supdt., Madras Rev. Survey, doing duty in the Central Office	2nd Feb. 1881	.....	...
Bellary . .	Ditto ditto ditto No. 2 Party	9th Feb. 1881	.. ..	...
Ditto .	2nd grade Asst. Supdt., Madras Rev. Survey, No. 2 Party	1st Sept. 1881	.....	...
Madras .	Ditto on duty Central Office	19th Dec. 1881	.....	...
Madura .	2nd grade Asst. Supdt., Madras Rev. Survey, No. 2 Party	2nd Mar. 1882	.....	...
Ditto .	Ditto ditto ditto No. 1 Party	1st Dec. 1882	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 2 months, from 7th May 1883.</i>				
Tanjore	2nd grade Asst. Supdt., Madras Rev. Survey, No. 3 Party	7th July 1883	.....	...
Ditto	Ditto ditto	...	1st grade Asst. Supdt.	18th Mar. 1884.
Ditto	2nd grade Asst. Supdt., Madras Rev. Survey	19th June 1884	.....	...
Ditto	1st grade Asst. Supdt., Madras Rev. Survey	3rd Sept. 1884	.....	...
Madras	1st grade Asst. Supdt., on duty Central Office	22nd Sept. 1885	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade, in charge Central Office	1st Oct. 1885.
Trichinopoly	Ditto ditto, No. 3 Party	3rd Dec. 1885	.....	...
<i>Privilege leave for 3 months, from 1st July 1886.</i>				
<i>Services placed at the disposal of the Government of India, from 1st October 1886.</i>				
Calcutta	Asst. Supdt., 2nd grade, Survey of India	1st Oct. 1886	.....	...
Ditto	Ditto ditto, attached to Photo. and Litho. Offices	...	Asst. Supdt., 1st grade	14th Oct. 1886.
Ditto	Ditto ditto	...	Dy. Supdt., 4th grade	14th Nov. 1888.
Ditto	Ditto ditto	...	Asst. Supdt., 1st grade	7th Dec. 1888.
Ditto	Ditto, 1st grade, ditto	15th Feb. 1889	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 4th grade	27th Mar. 1889.
...	Ditto ditto, Personal Asst. to the Surveyor-General	9th Dec. 1889	Ditto ditto	...
<i>Privilege leave for 3 months, from 14th April 1890.</i>				
...	Asst. Supdt., 1st grade	...	Asst. Surveyor-General	21st July 1890.
...	Ditto ditto, attached to Head-quarters Office	Oct. 1890	.....	...
Calcutta	Dy. Supdt., 4th grade	31st Mar. 1891	.....	...
Ditto	Ditto ditto	...	Asst. Surveyor-General in charge Photo.-Litho. Office	7th May 1891.
Ditto	Ditto ditto	...	Dy. Supdt., 3rd grade	9th June 1891.
Ditto	Ditto ditto	2nd Nov. 1891	.....	...
<i>Furlough for 1 year, from 21st November 1891.</i>				
Calcutta	Dy. Supdt., 2nd grade	18th Aug. 1892	.....	...
Ditto	Ditto, attached to Head-quarters Office	23rd Nov. 1892	.....	...
Ditto	Ditto ditto ditto	...	Asst. Surveyor-General	10th July 1893.
Ditto	Ditto ditto ditto	...	Ditto, in charge Photo.-Litho. Office	18th Aug. 1893.
Ditto	Ditto ditto ditto	27th Oct. 1893	.....	...
Ditto	Ditto ditto ditto	...	Asst. Surveyor-General, in charge Photo.-Litho. Office	10th July 1894.
Ditto	Ditto ditto ditto	30th Nov. 1894	.....	...
Ditto	Ditto ditto ditto	...	Asst. Surveyor-General	20th Mar. 1895.
Ditto	Ditto ditto ditto	...	Ditto and Dy. Supdt., 1st grade	6th Apl. 1895.
Ditto	Ditto ditto ditto	15th Nov. 1895	Dy. Supdt., 1st grade	...
Ditto	Ditto 1st grade ditto	25th Dec. 1895	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 6th April 1896.</i>				

Renny-Tailyour, Captain Thomas Francis Bruce, R.E.—Joined the service, 14th February 1883; arrived, 31st March 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	14th Feb. 1883	....	...
<i>On duty at the Royal Engineering Establishment, Chatham, from 28th March 1883 to 3rd January 1885.</i>				
...	Posted to the Indian Establishment	2nd Mar. 1885	.....	...
Roorkeo .	Attached to the Bengal Sappers and Miners	4th Apl. 1885	.....	...
...	Lieutenant . . . . .	...	Asst. Engr., 2nd grade (sub. pro tem.), Mily. Works Dept.	23rd Sept. 1885.
...	Asst. Engr., 2nd grade, Mily. Works Dept.	4th Mar. 1886	.....	...
...	Ditto ditto . . . . .	...	Asst. Engr., 1st grade (sub. pro tem.), Mily. Works Dept.	7th Jan. 1887.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Engr., 1st grade, Mily. Works Dept.	1st Nov. 1887	.....	...
Upper Burma .	Ditto, 2nd grade, Survey of India, attached to No. 21 Party (Upper Burma)	1st Apl. 1888	.....	...
Ditto .	Ditto ditto	...	Asst. Supdt., 1st grade	1st. Jan. 1889.
Ditto .	Asst. Supdt., 1st grade, attached to No. 21 Party (Upper Burma)	26th Mar. 1889	.....	...
Ditto .	Ditto ditto	...	Dy. Supdt., 4th grade	20th Apl. 1889.

Special Burma privilege leave for 2 months and 28 days, from 20th July 1889.

...	Asst. Supdt., 1st grade, in charge Chin-Lushai Expedition Survey Detachment, Burma Column	16th Dec. 1889	.....	...
Upper Burma .	Ditto ditto, attached to No. 21 Party (Upper Burma)	18th Apl. 1890	Dy. Supdt., 4th grade	18th Apl. 1890

On Special Duty in connection with an Expedition in Upper Burma along the Chinese Frontier, from 21st December 1890 to 7th May 1891.

...	Dy. Supdt., 4th grade (<i>sub. pro tem.</i>)	2nd Apl. 1891	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	11th June 1891.
Upper Burma .	Ditto, in charge No. 11 Party (Upper Burma II)	1st July 1891	Ditto ditto	...

Promoted to Captain, 13th August 1891.

Upper Burma .	Dy. Supdt., 4th grade, in charge No. 11 Party (Upper Burma) (confirmed)	13th Oct. 1891	Dy. Supdt., 3rd grade	...
Ditto .	Ditto ditto	20th Oct. 1891	.....	...
Ditto .	Ditto ditto, attached to No. 21 Party (Upper Burma)	4th Nov. 1891	.....	...
Ditto .	Ditto ditto, in charge	22nd Feb. 1892	.....	...
Ditto .	Ditto ditto	...	Dy. Supdt., 3rd grade	16th May 1892.
Ditto .	Ditto ditto	5th June 1892	.....	...
Ditto .	Ditto ditto and in charge No. 11 Party	5th June 1892	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	8th July 1892.

Made over charge of No. 11 Party on 11th July 1892 and No. 21 Party on 20th July 1892.

Privilege leave for 3 months, from 20th July 1892.

...	Dy. Supdt., 2nd grade	18th Aug. 1892	Dy. Supdt., 1st grade	...
Upper Burma .	Ditto, in charge No. 21 Party (Upper Burma)	20th Oct. 1892	.....	...

Furlough (on private affairs) for 1 year, from 6th May 1893. Extension for 5 months and 23 days.

Upper Burma .	Dy. Supdt., 2nd grade, attached to No. 21 Party (Upper Burma)	29th Oct. 1894	.....	...
Ditto .	Ditto ditto, in charge No. 11 Party (Upper Burma)	1st Dec. 1894	.....	...
Ditto .	Ditto ditto	...	Dy. Supdt., 1st grade	20th April 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Dy. Supdt., 1st grade, in charge No. 11 Party (Upper Burma)	21st Jan. 1896	.....	...

War Services.—Attached to (Queen's Own) Sappers and Miners from 30th October 1885 for active service in Upper Burma, and was appointed an Assistant Engineer, Upper Burma Field Force, from 16th November 1885 to 31st March 1888; accompanied the force under General Sir H. Prendergast, K.C.B., and was present at the taking of Mandalay; mentioned in Despatches of Major-General Sir G. White, K.C.B., V.C.; was thanked by the Commander-in-Chief for Intelligence work in the field—India medal with two clasps; Burma, 1885-87, and Burma, 1887-89; served with the Burma Column of the Chin-Lushai Expeditionary Force from 16th December 1889 to 17th April 1890; mentioned in Despatches of Brigadier-General W. P. Symons; services acknowledged by Government of India—Clasp; Chin-Lushai, 1889-90; accompanied Special Expedition in Upper Burma along the Chinese Frontier from 21st December 1890 to 7th May 1891.

Reynolds, William Henry, F.R.G.S.—Joined the service, 14th March 1861.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Frontier	Junior Sub-Asst. Revenue Surveyor, N.-W. Frontier Survey	14th Mar. 1861	.....	...
Ditto	Sub-Asst. Revenue Surveyor, 3rd class, N.-W. Frontier Survey	1st Jan. 1864	.....	...
Ditto	Ditto, 2nd class	1st Jan. 1865	.....	...
Ditto	Ditto, 3rd grade	1st Apl. 1866	.....	...
Ditto	Ditto, 2nd grade	1st Jan. 1868	.....	...
<i>Privilege leave for 1 month, from 2nd January 1868.</i>				
N.-W. Frontier	Asst. Surveyor, 2nd grade	1st Sept. 1869	.....	...
<i>On Special Duty in Cashmere, from 13th July to 31st December 1870.</i>				
N.-W. Frontier	Asst. Surveyor, 1st grade	1st Oct. 1870	.....	...
Hazara	Asst. Conservator of Forests, 3rd grade	1st Jan. 1871	.....	...
Ditto	Ditto, 2nd grade	20th July 1872	.....	...
<i>Privilege leave for 1 month, from 4th June 1874.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Asst. Conservator of Forests, 2nd grade . . . . .	...	Supdt., Forest Surveys	13th July 1874
Ditto .	Ditto ditto	25th Nov. 1874	.....	...
Ditto .	Ditto, 1st grade	13th Oct. 1876	.....	...
<i>Privilege leave for 3 months, from 31st May 1878.</i>				
Dehra Dún .	Asst. Conservator of Forests, 1st grade, and Dy. Supdt., Forest Surveys	1st Sept. 1878	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Conservator of Forests, 3rd grade	5th July 1880.
Ditto .	Dy. Conservator of Forests, 3rd grade, and Dy. Supdt., Forest Surveys	1st Mar. 1881	.....	...
<i>Privilege leave for 3 months, from 5th May 1882. Furlough for 7 months, from 7th June 1883.</i>				
Dehra Dún .	Dy. Conservator of Forests, 3rd grade, and Dy. Supdt., Forest Surveys	7th Jan. 1884	.....	...
Ditto .	Ditto ditto . . . . .	...	Supdt., Forest Surveys	22nd Feb. 1884.
Ditto .	Supdt., Forest Surveys, and Dy. Conservator of Forests, 2nd grade	2nd Feb. 1887	.....	...
<i>Privilege leave for 3 months, from 5th April 1888.</i>				
Dehra Dún .	Supdt., Forest Surveys, and Dy. Conservator of Forests, 2nd grade . . . . .	...	Dy. Conservator of Forests, 1st grade	2nd Mar. 1889.
<i>Furlough for 9 months, from 21st January 1890.</i>				
Dehra Dún .	Supdt., Forest Surveys, and Dy. Supdt., 4th grade, Sur- vey of India	24th Oct. 1890	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	24th Oct. 1890.
Ditto .	Ditto and Dy. Supdt., 3rd grade	31st Mar. 1891	.....	...
Ditto .	Ditto ditto, 1st grade	18th Aug. 1892	.....	...
Ditto .	Ditto ditto ditto . . . . .	...	Supdt., 2nd grade	23rd April 1895.
Ditto .	Ditto ditto ditto	28th Oct. 1895	Ditto ditto	28th Oct. 1895.
Ditto .	Ditto ditto ditto	3rd Nov. 1895	.....	...
Ditto .	Ditto ditto ditto . . . . .	...	Supdt. 2nd grade	25th Jan. 1896.

War Services.—Served as Assistant Surveyor with the Umbeyla Expedition, October to December 1863; present at the destruction of Malka—Medul with North-West Frontier and Umbeyla clasps.

Robertson, Lieut. Charles Lonsdale, R.E.—Joined the service, 24th July 1886 arrived, 24th October 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	24th July 1886		
...	Posted to the Indian Estabtd.	25th Sept. 1888	.....	...
...	Bombay Sappers and Miners .	24th Oct. 1888	.....	...
...	Attached to the Office of Insptr. Genl., Mily. Works .	11th June 1889	.....	...
Sukkur	Attached to Mily. Works Dept., Sukkur Defences	30th July 1889	.....	...
Quetta	Asst. Engr., 2nd grade, Mily. Works Dept.	13th Dec. 1890	.....	...
Ditto	Ditto, 1st grade, ditto	11th Mar. 1891	.....	...
Ditto	Ditto ditto	...	Executive Engineer, 4th grade.	8th Apl. 1893.
<i>Privilege leave for 2 months and 21 days, from 11th February 1894.</i>				
Quetta	Asst. Engr., 2nd grade, Mily. Works Dept.	1st Mar. 1894	.....	...
Ditto	Ditto ditto	...	Executive Engineer, 4th grade.	7th Mar. 1894.
Simla	Asst. Supdt., 2nd grade, Sur- vey of India, attached to No. 15 Party (Baluchistan)	3rd May 1894	.....	...
<i>Served as Survey Officer with the Waziristan Delimitation Commission from 24th September 1894.</i>				
Simla	Asst. Supdt., 2nd grade Ditto ditto, in charge No. 18 Party (Himalaya).	2nd July 1895	Asst. Supdt., 1st grade Ditto ditto	26th Mar. 1895.
<i>Made over charge of No. 18 Party (Himalaya) on 31st October 1895 and Waziristan Detachment, on 5th November 1895.</i>				
Mandalay	Asst. Supdt., 2nd grade, in charge No. 21 Party (Upper Burma)	2nd Dec. 1895	Asst. Supdt., 1st grade	...
Ditto	Ditto, 1st grade, ditto	21st Jan. 1896	.....	...

Rogers, Colonel Malcolm William, R.E.—Joined the service, 18th December 1861 ; arrived, 20th October 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineer .	18th Dec. 1861	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at the Royal Engineering Establishment, Chatham, from February 1862 to March 1864.</i>				
<i>Served as Divisional Officer, Cork, Ireland, from March 1864 to July 1865.</i>				
...	Posted to the Indian Establishment	17th Sept. 1865	.....	...
Roorkee .	Attached to the Sappers and Miners	Nov. 1865	.....	...
Dehra Dún .	Asst. Surveyor, 2nd grade, Great Trigonometrical Survey	5th July 1866	.....	...
Ditto .	Ditto, 1st grade, Great Trigonometrical Survey	5th Dec. 1868	.....	...
Bangalore .	Asst. Supdt., 1st grade, Great Trigonometrical Survey	1st Sept. 1869	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	18th Dec. 1870.
Poona .	Ditto ditto	1st Nov. 1872	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	6th Apl. 1873.
<i>Furlough on private affairs for 11 months and 28 days, from 1st November 1873. (A period of 94 days was spent on duty at Chatham.)</i>				
<i>Promoted to Captain, 11th December 1873.</i>				
Mount Abu .	Asst. Supdt., 1st grade, Great Trigonometrical Survey . . . . .	...	Dy. Supdt., 3rd grade	28th Oct. 1874.
...	Ditto ditto	1st. Jan. 1878	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	15th Feb. 1878.
...	Ditto ditto	26th Apl. 1879	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	12th Dec. 1879.
<i>Served as Survey Officer with the Southern Afghanistan Field Force, from 12th November 1878 to November 1879.</i>				
<i>Furlough to Europe for 1 year 1 month and 13 days, from 1st May 1880. (A period of 132 days was spent on duty at Chatham.)</i>				
<i>Promoted to Brevet-Major, 2nd March 1881.</i>				
<i>Promoted to Major, 18th December 1881.</i>				
Poona ...	Asst. Supdt., 1st grade	14th June 1881	Dy. Supdt., 3rd grade	14th June 1881'
Poona .	Dy. Supdt., 4th grade, Great Trigonometrical Survey	1st July 1882	Dy. Supdt., 3rd grade	...
Calcutta .	Ditto ditto . . . . .	...	Ditto 3rd grade, and Asst. Surveyor-Genl., in charge Correspondence and Accounts Sections, Hd.-qrs. Office and Mathl. Instmt. Office	19th Apl. 1883.
Ditto .	Dy. Supdt., 4th grade, and Asst. Surveyor-Genl.	23rd May 1884	Dy. Supdt., 3rd grade	...
...	Dy. Supdt., 3rd grade, and Asst. Surveyor-Genl.	7th Aug. 1884	.....	...
<i>Furlough to Europe for 1 year and 182 days, from 21st March 1886.</i>				
<i>Elected for continuous Indian service, 11th August 1886.</i>				
Dehra Dún .	Dy. Supdt., 3rd grade, attached to Trigonometrical Branch Office	26th Sept. 1887	.....	...
Ditto .	Ditto ditto, in charge Computing Party	6th Jan. 1888	.....	...
Poona .	Ditto, attached to No. 25 Party (Tidal and Levelling)	10th Apl. 1888	.....	...
Ditto .	Ditto, in charge No. 25 Party (Tidal and Levelling)	16th May 1888	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	1st Nov. 1888.
<i>Promoted to half-pay Lieutenant-Colonel, 18th December 1888.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Dy. Supdt., 3rd grade, and Asst. Surveyor-Genl. . . .	7th May 1889	Dy. Supdt., 2nd grade	...
Ditto	Ditto, 2nd grade, and Asst. Surveyor-Genl. . . .	28th June 1889	.....	...
<i>Regimental Lieutenant-Colonel, 5th December 1890.</i>				
Calcutta	Dy. Supdt., 2nd grade, and Asst. Surveyor-Genl. . . .	...	Dy. Supdt., 1st grade	7th May 1891.
Ditto	Ditto ditto	16th Oct. 1891	.....	...
<i>Privilege leave for 1 month and 19 days, from 5th May 1892.</i>				
Calcutta	Dy. Supdt., 2nd grade, and Asst. Surveyor-Genl. . . .	24th June 1892	.....	...
Ditto	Supdt., 2nd grade, and ditto	18th Aug. 1892	.....	...
<i>Special leave for 5 months and 29 days, from 19th April 1893.</i>				
<i>Promoted to Brevet-Colonel, 29th September 1893.</i>				
Calcutta	Supdt., 2nd grade, and Asst. Surveyor-General	18th Oct. 1893	.....	...
<i>Furlough from 20th March to 14th November 1895.</i>				
Calcutta	Supdt., 2nd grade, and Assistant Surveyor General	15th Nov. 1895	Supdt., 1st grade	15th Nov. 1895.
Ditto	Ditto, 1st grade, ditto	12th Dec. 1895	.....	..

War Services.—Served as Survey Officer with the 1st Division of the Quetta Field Force under Lieutenant-General D. Stewart, C.B., from 12th November 1878 to November 1879; mentioned in despatches—Medal—Brevet of Major.

Ryder, Lieut. Charles Henry Dudley, R.E.—Joined the service, 24th July 1886; arrived, 24th October 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers	24th July 1886	.....	...
...	Posted to the Indian Establishment	25th Sept. 1888	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kirkee	Attached, Bombay Sappers and Miners	27th Oct. 1888	.....	...
...	Ditto ditto	...	Company Officer	27th Oct. 1888 to 22nd May 1889.
Allahabad	Asst. Engr., 2nd grade, P. W. Dept.	24th May 1889	.....	...
Lucknow	Ditto ditto	26th May 1889	.....	...
Bara Banki	Ditto ditto	3rd June 1889	.....	...
Sitapur	Ditto ditto	16th June 1890	.....	...
...	Ditto ditto	...	Asst. Engr., 1st grade (sub. pro tem.)	12th Sept. 1890.
Naini Tal	Ditto ditto	18th Oct. 1890	.....	...
...	Ditto, 1st grade	30th Nov. 1890	.....	...
Aligarh	Ditto ditto	15th May 1891	.....	...
<i>Privilege leave for 3 months, from 17th August 1891.</i>				
Simla	Asst. Supdt., 2nd grade, Survey of India, attached to No. 18 Party (Himalaya)	29th Nov. 1891	.....	...
<i>Privilege leave for 20 days, from 27th June 1892.</i>				
Simla	Asst. Supdt., 2nd grade, Survey of India, attached to No. 18 Party (Himalaya)	16th July 1892	.....	.....
Ditto	Ditto ditto	.....	Asst. Supdt., 1st grade	1st Nov. 1892.
Mandalay	Ditto ditto No. 11 Party (Upper Burma)	1st Oct. 1893	Ditto ditto	...
Ditto	Ditto ditto, in charge	3rd Oct. 1894	Ditto ditto	...
<i>Served as Survey Officer attached to the Mekong Commission from 4th November 1894.</i>				
...	Asst. Supdt., 1st grade	1st Jan. 1895	.....	...
Calcutta	Ditto ditto, attached to Head-quarters Office	21st May 1895	.....	...
<i>Privilege leave for 1 month and 3 days, from 22nd May to 24th June 1895, recalled to duty 26th June 1895.</i>				
<i>Elected for continuous Indian service, 24th July 1895.</i>				
Madras	Asst. Supdt., 1st grade, attached to No. 19 Party (Madras.)	8th July 1895	.....	...
Ditto	Ditto ditto in charge	9th July 1895	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 2nd grade	16th Sept. 1895.
Ditto	Ditto ditto ditto	6th Oct. 1895	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 2nd grade	25th Jan. 1896.
Ditto	Ditto ditto ditto	20th March 1896	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 2nd grade	28th Mar. 1896.

Sandeman, Colonel John Edward, I.S.C.—Joined the service, 7th June 1861; arrived, October 1861.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Joined the Royal Military College at Addiscombe in 1860.</i>				
...	Ensign, Bengal Infantry	7th June 1861	.....	...
...	Ditto, attached to H. M.'s 90th Light Infantry	Oct. 1861	.....	...
<i>Promoted to Lieutenant, 19th May 1862.</i>				
<i>Leave in India on private affairs for 1 month and 28 days, from 15th December 1862.</i>				
<i>Joined the Civil Engineering College at Roorkee, March 1863, and in September 1864 passed the College final examination, and obtained certificate qualifying for employment as an Engineer in the Department of Public Works.</i>				
Nagpore	Asst. Surveyor (on probn.)	6th Oct. 1864	.....	...
Oudh	Asst. Surveyor, 2nd Divn., Oudh Survey	17th Feb. 1866	.....	...
Punjab	Ditto, N.-W. Survey Party	13th Nov. 1866	.....	...
<i>Joined the Bengal Staff Corps, 9th May 1867.</i>				
Punjab	Asst. Supdt., 2nd grade, N.-W. Survey Party	1st Sept. 1869	.....	...
<i>Furlough to Europe for 1 year 11 months and 3 days, from 14th March 1870.</i>				
Nagpore	Asst. Supdt., 1st grade, 2nd Divn.	21st Feb. 1872	.....	...
...	Ditto, C. P. Survey, in charge 2nd Divn. Survey	19th June 1872	.....	...
Moradabad	Asst. Supdt., 1st grade, Morad- abad Cadastral Survey	1st Oct. 1872	.....	...
Midnapur	Ditto, in charge Midnapur Survey	21st Mar. 1873	.....	...
<i>Promoted to Captain, 7th June 1873.</i>				
Goalpara	Asst. Supdt., 1st grade, Goal- para Survey, Assam	30th Dec. 1873	.....	...
Arrab	Ditto, ditto Soane Irrigation Survey	1st Oct. 1874	.....	...
Darjeeling	Ditto, ditto, in charge Darjeeling Waste Lands Sur- vey	1st Oct. 1875	.....	...
Hazaribagh	Ditto, ditto, in charge Dhanwar Estate Survey	1st Dec. 1875	.....	...
Ditto	Ditto, ditto	...	Dy. Supdt., 3rd grade	15th May 1876.
Ranchi	Ditto, ditto	8th Nov. 1876	.....	...
...	Ditto, ditto	...	Dy. Supdt., 3rd grade	14th July 1877.
Rangoon	Ditto, ditto, in charge British Burma Cadas- tral Survey	1st Dec. 1878	Dy. Supdt., 3rd grade	...
Ditto	Dy. Supdt., 3rd grade, in charge British Burma Cadas- tral Survey	1st Jan. 1879	.....	...
<i>Promoted to Major, 7th June 1881.</i>				
<i>Furlough to Europe for 1 year 2 months and 22 days, from 9th August 1881.</i>				
Calcutta	Dy. Supdt., 3rd grade, on duty Head-quarters Office	4th Nov. 1882	.....	...
Gorakhpur	Ditto, ditto, in charge Gorakhpur District Cadastral Survey, N.-W. P.	1st Nov. 1883	.....	...
Ditto	Ditto, ditto	...	Dy. Supdt., 2nd grade	24th Sept. 1884.
Ditto	Ditto, 2nd grade, in charge Gorakhpur District Cadastral Survey, N.-W. P.	19th Feb. 1887	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Promoted to Lieutenant-Colonel, 7th June 1887.</i>				
<i>Privilege leave for 3 months, from 11th July 1887, and overstayed it by 3 days, from 11th October 1887</i>				
Naini Tal	Dy. Supdt., 2nd grade, in charge No. 5 Party (N.-W. P.)	...	Dy. Supdt., 1st grade	31st Oct. 1890.
Ditto	Ditto, 1st grade, in charge No. 5 Party (N.-W. P.)	31st Mar. 1891	.....	...
<i>Privilege leave for 3 months, from 30th June 1891.</i>				
Naini Tal	Dy. Supdt., 1st grade, in charge No. 5 Party (N.-W. P.)	1st Oct. 1891	.....	...
Cuttack	Ditto, in charge No. 8 Party (Orissa).	28th Nov. 1891	.....	...
Calcutta and Cuttack.	Ditto, on Special duty	12th Jan. 1892	.....	...
Bengal	Ditto, ditto	8th Mar. 1892	.....	...
Ditto	Ditto, and Director of Bengal Surveys	1st April 1892	.....	...
<i>Furlough out of India on private affairs for 6 months, from 18th April 1892.</i>				
...	Supdt., 1st grade, and Director of Bengal Surveys	18th Aug. 1892	.....	...
Bengal.	Ditto, ditto	20th Oct. 1892	.....	...
<i>Promoted to Colonel, 29th August 1893.</i>				
<i>Privilege leave for one month and 29 days, from 8th August 1894.</i>				
Calcutta	Dy. Surveyor-General, in charge Revenue Branch, and Director, Bengal Surveys	26th Mar. 1895	.....	...
<i>Special leave for 5 months and 24 days, from 4th May to 27th October 1895.</i>				
Calcutta	Dy. Surveyor-General, in charge Revenue Branch	28th Oct. 1895	.....	...

War Services.—Served with the Black Mountain Expedition in Hazara under Major-General Alfred Wilde, from 15th August to 31st October 1868; was present at the advance from Munna Kaduna, and the taking of the Machni peak; assisted in surveying the route taken by the force and the surrounding country, under the direction of Colonel H. C. Johnstone, and compiled a map of the same—received the Frontier Medal.

Scott, George Batley.—Joined the service, 1st May 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
North-West Frontier	Junior Sub-Asst. Rev. Surveyor, North-West Frontier Revenue Survey . . .	1st May 1863	.....	...
Hazara	Sub-Asst. Rev. Surveyor, 4th grade	1st Jan. 1866	.. ...	...
Ditto	Ditto, 3rd grade . . .	15th Dec. 1866	.....	...
<i>Accompanied Black Mountain Expedition, August to 31st October 1868.</i>				
<i>Privilege leave for 1 month, from 1st November 1868.</i>				
Hazara	Asst. Surveyor, 3rd grade . . .	1st Sept. 1869	.....	...
<i>Privilege leave for 1 month, from 1st October 1869.</i>				
Kaghan Valley	Asst. Surveyor, 2nd grade . . .	15th Dec. 1869	.....	...
Assam	Ditto, 1st grade . . .	15th Dec. 1871	.....	...
Ditto	Surveyor, 4th grade . . .	15th Dec. 1874	.....	...
Darjeeling	Ditto, ditto	Aug. 1875	.....	...
Punjab	Ditto, ditto, Punjab Rev. Survey	Oct. 1876	.....	...
<i>Privilege leave for 29 days, from 11th September 1878.</i>				
Dehra Dún	Surveyor, 3rd grade, Punjab Rev. Survey	18th July 1879	.....	...
<i>During 1879-80 attached to Intelligence Branch, Quarter Master-General's Department, Afghanistan.</i>				
Punjab	Surveyor, 3rd grade, Punjab Rev. Survey	14th June 1880	.....	...
Rawal Pindi	Ditto, 1st grade	5th Sept. 1883	.....	...
Baluchistan	Ditto, Baluch. Topl. Party	1st Aug. 1884	.....	...
<i>Employed with the Zhob Valley Expedition, from 16th September to 9th November 1884.</i>				
...	Asst. Supdt., 2nd grade . . .	10th Nov. 1884	Asst. Supdt., 1st grade	10th Nov. 1884
Simla	Ditto, on deputation to Q.-M. G.'s Department	Jan. 1885	Ditto, ditto . . .	...
Central Provinces	Ditto, 2nd grade, Bilaspur Dist. (C. P.), Cndl. Surveyor	1st Oct. 1885	.....	...
...	Ditto, ditto . . . . .	...	Dy. Supdt., 4th grade	26th Oct. 1886.
...	Ditto, 2nd grade . . . . .	...	Asst. Supdt., 1st grade	27th Oct. 1886.
...	Ditto, ditto . . . . .	...	Dy. Supdt., 4th grade	18th Nov. 1886.
...	Ditto, ditto . . . . .	...	Asst. Supdt., 1st grade	9th Dec. 1886.
...	Ditto, 1st grade	19th Feb. 1887	.....	...
...	Ditto, ditto in charge Bilaspur District Cadastral Survey	26th Feb. 1887	.....	...
...	Ditto, ditto . . . . .	...	Dy. Supdt., 4th grade	8th June 1887.
...	Ditto, ditto	30th Aug. 1887	.....	...
...	Ditto, 1st grade, in charge Srinagar Wards' Estate Survey, afterwards called No. 4A Party (Srinagar) . . .	28th Nov. 1887	.....	...
...	Ditto, ditto (and Burdwan Khns Mehals Survey) . . .	...	Dy. Supdt., 4th grade	21st June 1888.
<i>Privilege leave for 3 months, from 9th July 1888.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kyauksé	Asst. Supdt., 1st grade, in charge No. 3 Party (Kyauksé)	24th Oct. 1889	Dy. Supdt., 4th grade	...
Ditto	Dy. Supdt., 4th grade, in charge No. 3 Party (Kyauksé)	1st Apl. 1890	.....	...
Mandalay	Ditto, ditto (Mandalay)	1st Nov. 1890	.....	...
Ditto	Ditto, ditto	...	Dy. Supdt., 3rd grade	4th Nov. 1890.
Ditto	Ditto, ditto	15th Nov. 1890	.....	...
Ditto	Ditto, ditto	...	Dy. Supdt., 3rd grade	10th Apl. 1891.
<i>Furlough to Europe on private affairs for 6 months, from 18th June 1891.</i>				
Mandalay	Dy. Supdt., 4th grade, in charge No. 3 Party (Mandalay)	23rd Dec. 1891	.....	...
Ditto	Ditto, ditto	..	Dy. Supdt., 3rd grade	26th Mar. 1892.
Ditto	Ditto, 2nd grade, ditto	18th Aug. 1892	Ditto, 1st grade	18th Aug. 1892.
Ditto	Ditto, ditto, ditto	6th Nov. 1893	.....	...
Ditto	Ditto, ditto, ditto	...	Dy. Supdt., 1st grade	28th Apl. 1894.
...	Ditto, ditto, on deputation as Superintendent, Settlement Surveys, North-Western Provinces and Oudh	14th Dec. 1894	Ditto, ditto	...
...	Ditto, 1st grade, ditto	26th Mar. 1895	.....	...

War and Trans-Frontier Services.—In 1867 reconnoitred independent hill tracts of Allahi Nandihar Tikari and eastern slopes of Black Mountain; repulsed night attack on camp, 23rd April.

1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry" by Punjab Government; accompanied Black Mountain Expedition—Medal and clasp.

1869, reconnoitred independent tracts of Chilas and Kohistan between Indus and Kaghan.

1870, reconnoitred hill country round Peshawur district; fired on by Haesau Khel.

1871, reconnoitred small portion, Bhutan hills, touching on District Darrang, Assam.

1877, accompanied Jowaki-Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government.

1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Deh Sarak and Fattehabad; accompanied 1st and 2nd Bazar Valley Expeditions; mentioned in Despatches; attacked by Mohmands near Michni while reconnoitring alternative routes to the Khyber; "conspicuous gallantry" displayed on the occasion, cordially acknowledged by the Viceroy in Council; ascended summit of Sikaram, Safed-koh, 29th May 1879, and received congratulatory telegram from Commander-in-Chief, as having been the first European who had done so; services during campaign acknowledged by Secretary of State for India, by the Governor-General, by the Commander-in-Chief, and by the Punjab Government—Medal and clasp; personal allowance of R100 per month and special grant of R1,000; recommended by Viceroy and Commander-in-Chief for direct Captaincy in Staff Corps, disallowed by War Office.

1879-80, attached to Quarter-Master General's Department during 2nd Afghan Campaign; completed reconnaissance of Afridi and Mohmand countries; accompanied General Tytler's Expedition against the Zaimukhts; services acknowledged by Commander-in-Chief; mentioned in Despatches, October and November 1884; accompanied Zhub Valley Expedition; services acknowledged by Governor-General in Council.

Literary Works.—Reports on Tirah, Mohmand country, and various other parts of Afghanistan, } Intelligence Branch, Q.-M. G.'s Department.
 "Pathans of the North-Western Frontier." }
 "A Surveyor's Narrative in Afghanistan." } Blackwood, 1879.
 "Pushto Vocabulary" for Explorers. }

Spring, A. E.—Joined the service, 15th August 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Proby. Asst. Supdt., Poona and Nasik Revenue Survey	15th Aug. 1881.	.....	...
<i>Prior to this appointment he acted as Supernumerary Deputy Collector in Sind from 24th May 1880 to 22nd May 1881 (also acted as Special Officer on Famine Duty, P. W. D.); in charge of Sindgi Taluka, Kaladgi Districts, Bombay, from 4th May to 15th December 1879, and received thanks of Government.—Government Resolution, Bombay Castle, No. 1325P., dated 5th December 1879.</i>				
Bombay	Asst. Supdt., 5th grade, Poona and Nasik Revenue Survey	16th Oct. 1883	.....	...
Ditto	Ditto, 4th grade	16th Oct. 1884	.....	...
<i>Privilege leave for 2 months, from 27th April 1885.</i>				
<i>Privilege leave for 3 months, from 1st August 1887.</i>				
Bombay	Asst. Supdt., 3rd grade, Poona and Nasik Revenue Survey	16th Oct. 1887	.....	...
<i>Privilege leave for 2 months and 17 days, from 4th April 1890.</i>				
Bombay	Asst. Supdt., 2nd grade, Poona and Nasik Revenue Survey	16th Oct. 1890	.....	...
<i>Relinquished charge of his duties in the Bombay Revenue Survey Department on the 17th February 1891 (afternoon).</i>				
Calcutta	Asst. Supdt., 2nd grade, Survey of India, Head-quarters Office	18th Feb. 1891	.....	...
Ditto	Ditto, ditto	...	Asst. Supdt., 1st grade	3rd Mar. 1891.
Rangoon	Ditto, ditto, Survey of India, attached to No. 7 Party (Thongwa)	12th Mar. 1891	Ditto, ditto	...
<i>Privilege leave for 1 month, from 30th July 1891.</i>				
Mandalay	Asst. Supdt., 2nd grade, attached to No. 12 Party (Minbu)	8th Oct. 1891	Asst. Supdt., 1st grade	...
...	Ditto, No. 3 Party (Mandalay)	20th Sept. 1892	Ditto ditto	...
<i>Privilege leave for one month and 12 days, from 12th October to 23rd November 1892.</i>				
...	Asst. Supdt., 1st grade	12th Oct. 1892	.....	...
Mandalay	Ditto, attached to No. 3 Party (Mandalay)	24th Nov. 1892	.....	...
Ditto	Ditto, ditto	.....	In temporary charge No. 12 Party (Magve)	24th Sept. 1893.
Ditto	Ditto, ditto	.....	Dy. Supdt., 2nd grade, ditto	1st Oct. 1893.
Ditto	Ditto, ditto	18th Oct. 1893	.....	...
<i>Furlough from 20th April 1894, to 19th March 1896.</i>				
...	Dy. Supdt., 2nd grade	23rd Jan. 1896	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	20th Mar. 1896	.....	...

Strahan, Colonel Charles, R.E.—Joined the service, 8th June 1860; arrived, October 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Joined Military College, Addiscombe, August 1858.</i>				
...	Lieutenant, Royal (late Bengal) Engineers	8th June 1860	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from 1st August 1860 to March 1862.</i>				
Central India	Mily. 2nd Asst., attached to Central India Topl. Survey .	26th Sept. 1863	.....	...
<i>Appointed Survey Officer with the Bhutan Field Force in October 1865.</i>				
...	Asst. Surveyor, 1st grade, Topl. Survey	1st Apl. 1866	.....	...
Central India .	Ditto, ditto, attached to Central India Survey	16th July 1866	.....	...
...	Surveyor, 3rd grade, in charge Central India Survey	1st Dec. 1867	.....	...
...	Dy. Supdt., 3rd grade, Topl. Survey	1st Sept. 1869	.....	...
<i>Furlough to Europe for 1 year 10 months and 26 days, from 2nd December 1871.</i>				
<i>Promoted to Captain, 20th August 1872.</i>				
Central India	Dy. Supdt., 3rd grade, in charge Central India Topl. Survey .	...	Dy. Supdt., 2nd grade, Topl. Survey	4th Jun. 1874.
...	Ditto, ditto	1st Apl. 1874	.....	...
...	Ditto, ditto . . . . .	...	Dy. Supdt., 2nd grade, Topl. Survey	1st Feb. 1878.
...	Ditto, 3rd grade	5th Oct. 1878	.....	...
...	Ditto, ditto . . . . .	...	Dy. Supdt., 2nd grade, Topl. Survey	27th Oct. 1878.
...	Ditto, ditto	22nd Apl. 1879	.....	...
<i>Served as Survey Officer with the Peshawar Field Force in Afghanistan, from March to June 1879.</i>				
...	Dy. Supdt., 3rd grade . . . . .	...	Dy. Supdt., 2nd grade, Topl. Survey	1st Nov. 1879.
Dehra . . .	Ditto, ditto	14th Mar. 1880	.....	...
<i>Furlough to Europe for 6 months and 15 days, from 27th March 1880.</i>				
Rajputana .	Dy. Supdt., 3rd grade, in charge Rajputana Survey	11th Oct. 1880	.....	...
...	Ditto, ditto . . . . .	...	Dy. Supdt., 2nd grade	18th Oct. 1880.
<i>Promoted to Brevet-Major, 2nd March 1881.</i>				
<i>Promoted to Major, 1st July 1881.</i>				
Calcutta . .	Dy. Supdt., 3rd grade . . . . .	...	Asst. Surveyor-General	24th July 1884.
Ditto . . .	Ditto, 2nd grade	10th Jan. 1884	Ditto . . . . .	...
Ditto . . .	Ditto, ditto, and Asst. Surveyor-General	23rd May 1884	.....	...
Ditto . . .	Ditto, ditto . . . . .	...	Dy. Supdt., 1st grade	3rd Dec. 1884.
<i>On Special Duty to Madras, from 18th April to 4th May 1886.</i>				
<i>Furlough to Europe for 1 year 5 months and 20 days, from 4th May 1886.</i>				
Calcutta . .	Dy. Supdt., 2nd grade, and Asst. Surveyor-General	24th Oct. 1887	.....	...
<i>Promoted to half-pay Lieutenant-Colonel, 1st July 1888.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Dy. Supdt., 2nd grade, and Asst. Surveyor-General	...	Dy. Supdt., 1st grade	1st Nov. 1888.
Ditto	Ditto, 1st grade, and Asst. Surveyor-General	26th Apl. 1889	.....	...
Ditto	Ditto ditto	...	Dy. Surveyor-General, in charge Revenue Branch	11th Apl. 1889.
Ditto	Ditto, ditto	16th July 1889	.....	...
Ditto	Ditto, ditto	...	Dy. Surveyor-General, in charge Revenue Branch	26th Oct. 1889.
<i>Promoted to Regimental Lieutenant-Colonel, 10th December 1889.</i>				
Calcutta	Dy. Surveyor-General, in charge Revenue Branch (sub. <i>pro</i> <i>tem.</i>)	2nd Apl. 1891	.....	...
Ditto	Ditto, ditto (confirmed)	1st July 1892	.....	...
<i>Promoted to Colonel, 12th April 1893.</i>				
<i>Privilege leave for 3 months, from 4th July 1894.</i>				
Calcutta	Dy. Surveyor-General, in charge Revenue Branch	16th Oct. 1894	.....	...
Ditto	Surveyor-General of India	26th Mar. 1895	.....	...

War Services.—Served with the Bhutan Field Force, in charge of reconnoitring party under General Tytler, from October 1865 to 16th July 1866—Medal; served with the Peshawar Field Force in Afghanistan, under Sir Samuel Brown, from March 1879 to end of first campaign in June 1879—Medal and mentioned in despatches—Brevet of Major.

Symonds, Lieutenant Charles William Herbert, I.S.C.—Joined the service, 25th August 1886; arrived, 22nd December 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at the Royal Military College, Sandhurst, from 1st September 1885 to 24th August 1886.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Wiltshire Regt. .	25th Aug. 1886	.....	...
...	Apptd. to the Bengal Staff Corps	14th Mar. 1888	Wing Officer (on probation), 31st Punjab Infy.	14th Mar. 1888.
...	Ditto, ditto . . . . .	...	Ditto, and Qr.-Mr., ditto	14th Apl. 1888.
<i>On Language leave, from 5th May to 24th July 1890.</i>				
...	...	...	Wing Officer, 29th Punjab Infy.	6th Jan. 1891.
...	...	...	Qr.-Mr., 31st Punjab Infy.	4th June 1891.
<i>Leave on private affairs, from 18th November 1891 to 19th September 1892.</i>				
Calcutta	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Head-quarters Office	28th Sept. 1892	.....	...
Bihar	Ditto ditto, attached to No. 4 Party (Bihar)	1st Nov. 1892	.....	...
<i>Medical leave for 2 months, from 10th May 1893.</i>				
Ditto	Asst. Supdt., 2nd grade (confirmed), attached to No. 4 Party (Bihar)	28th Sept. 1893	Asst. Supdt., 1st grade	28th Sept. 1893.
Ditto	Ditto ditto, attached to Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	Ditto, ditto	...
Ditto	Ditto, ditto ditto	1st Nov. 1893	.....	...
Ditto	Ditto, ditto ditto . . . . .	...	Ditto, ditto	28th Apl. 1894.
Ditto	Ditto, ditto, attached to Nos. 4 and 5 Parties (Bihar)	1st Oct. 1894	Ditto, ditto	...
Ditto	Ditto, ditto, ditto . . . . .	...	Ditto, ditto, in temporary charge Nos. 2 and 8 Parties (Bihar)	13th June 1895.
Ditto	Ditto, ditto, ditto	1st Oct. 1895	Asst. Supdt., 1st grade	...
Ditto	Ditto, ditto, in charge ditto	14th Oct. 1895	Ditto ditto . . . . .	...
Ditto	Asst. Supdt., 1st grade, ditto	17th Dec. 1895	.....	...

War Services.—Served with the 29th Punjab Infantry during the first and second Miranzai Expeditions.

Wahab, Brevet-Lieut.-Colonel Robert Alexander, R.E.—Joined the service, 29th April 1873; arrived, 8th March 1876.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	29th Apl. 1873	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from 1st January 1874 to December 1875.</i>				
...	Posted to the Indian Establish- ment	1st Jan. 1876	.....	...
Bangalore .	Attached to Sappers and Min- ners	Mar. 1876	.....	...
...	Asst. Engineer, 1st grade, P. W. D., Military Works Branch	Jan. 1881	.....	...
...	Ditto ditto . . . . .	...	Executive Engineer, 4th grade	Mar. 1882.
Rajputana .	Asst. Supdt., 2nd grade, No. 1 Rajputana Party	8th Jan. 1883	.....	...
...	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	1st Feb. 1883.
...	Ditto, 1st grade, ditto	7th Aug. 1884	.....	...
Baluchistan .	Ditto ditto, in charge No. 3 Topographical Party, Baluchistan Survey	19th Aug. 1884	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	26th Aug. 1884.
...	Ditto, 1st grade	1st Sept. 1884	Ditto ditto	...
...	Ditto, in charge ditto	14th Sept. 1884	Ditto ditto	...
Baluchistan .	Ditto, in charge No. 3 Topo- graphical Party, Baluchistan Survey	17th Dec. 1884	Ditto ditto	...
<i>Served as Survey Officer with the Zhob Valley Field Force in 1884. Promoted to Captain, 8th January 1885.</i>				
Gorakhpur .	Asst. Supdt., 1st grade, Gorakh- pur District (Cadastral) Survey	8th Nov. 1885	Dy. Supdt., 4th grade	...
Sinla .	Ditto ditto in charge Himalaya Party	21st Apl. 1886	Ditto ditto	...
<i>Elected for continuous Indian service, 25th September 1886.</i>				
Baluchistan .	Asst. Supdt., 1st grade, in charge No. 16 Party	30th Sept. 1886	Dy. Supdt., 4th grade	...
...	Dy. Supdt., 4th grade, ditto	17th July 1888	.....	...
<i>Served as Survey Officer with the Hazara Field Force from October to 14th November 1888.</i>				
...	Dy. Supdt., 4th grade, Hazara Field Force . . . . .	...	Dy. Supdt., 3rd grade	15th Nov. 1888.
Dehra .	Ditto, Trigonometrical Branch Office	23rd Nov. 1888	Ditto ditto	...
Ditto .	Dy. Supdt., 4th grade, ditto	23rd Dec. 1888	.....	...
<i>Proceeded on military duty to Europe, 23rd February 1889. Furlough for 1 year from 1st December 1889.</i>				
Dehra .	Dy. Supdt., 4th grade, Trigon- ometrical Branch Office . . . . .	...	Dy. Supdt., 3rd grade	30th Nov. 1890.
<i>Served as Survey Officer with the Miranzai Field Force, January and February 1891. Served as Survey Officer with the Hazara Field Force from 10th March to 22nd June 1891.</i>				
Hazara .	Dy. Supdt., 3rd grade	19th Feb. 1891	.....	...
Sinla .	Ditto, ditto	23rd June 1891	.....	...
Aden .	Ditto, ditto in charge Aden Party	1st Oct. 1891	.....	...
Mussooree .	Ditto ditto in charge Aden Party and No. 14 Party	13th May 1892	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	16th May 1892.
...	Ditto ditto	5th June 1892	...	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Made over charge of No. 14 Party, 27th June 1892.</i>				
Mussooree	Dy. Supdt., 1st grade, in charge Aden Party	18th Aug. 1892	.....	...
<i>Served as Survey Officer with the Isazai Field Force from 21st September to 15th November 1892.</i>				
Calcutta	Dy. Supdt., 1st grade, attached to Head-quarters Office	16th Nov. 1892	.....	...
<i>Promoted to Major, 5th December 1892.</i>				
Calcutta	Dy. Supdt., 1st grade, attached to Head-quarters Office	...	Asst. Surveyor-General	19th Apl. 1893.
<i>Privilege leave for 2 months and 7 days, from 10th July 1893.</i>				
Calcutta	Dy. Supdt., 1st grade, attached to Head-quarters Office	18th Sept. 1893	.....	...
Bangalore	Ditto ditto, attached to No. 19 Party (Madras)	25th Sept. 1893	.....	...
Ditto	Ditto ditto, in charge ditto	1st Oct. 1893	.....	...
Simla	Ditto ditto, attached to No. 18 Party (Himalaya)	14th Apl. 1894	.....	...
Ditto	Ditto ditto, in charge ditto	16th Apl. 1894	.....	...
<i>Served as Survey Officer with the Waziristan Delimitation Commission from 26th September 1894.</i>				
...	Dy. Supdt., 1st grade	...	Supdt., 2nd grade	20th April 1895.
...	Ditto, attached to the Pamir Detachment	14th June 1895	Ditto ditto	...
<i>Promoted to Brevet Lieutenant-Colonel, 27th August 1895.</i>				
...	Dy. Supdt., 1st grade, in charge Waziristan Detachment	5th Nov. 1895	Supdt., 2nd grade	...
...	Ditto ditto ditto	15th Nov. 1895	.....	...
Simla	Ditto ditto, in charge No. 18 Party (Himalaya)	20th Dec. 1895	.....	...
Ditto	Ditto ditto, ditto	...	Supdt., 2nd grade	25th Dec. 1895.
...	Ditto ditto, in charge Perso-Baluch Detachment	15th Jan. 1896	Ditto, ditto	...
<i>Furlough of 1 year, from 26th June 1896.</i>				

War Services.—Served in the first Afghan Campaign from 9th January to 9th June 1879 as Assistant Field Engineer and Adjutant, Royal Engineers, Peshawar Valley Field Force; in the second Afghan Campaign, October 1879 to August 1880, as Assistant Field Engineer—Medal; expedition against Mahsud Waziris in April and May 1881 as Assistant Field Engineer and in charge R. E. Park; served with Sir R. Sandeman's Mission to Khasan and Panjgur, 1883-84; served in Zhob Valley Expedition, 1884, as Survey Officer; mentioned in despatches; served with Hazara Field Force, 1888, as Survey Officer; mentioned in despatches—Medal; served as Survey Officer with the Miranzai Field Force and Hazara Field Force, 1891; served as Survey Officer with the Isazai Field Force, 1892.

Waterhouse, Colonel James, I.S.C.—Joined the service, 10th June 1859; arrived, 11th October 1859.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Meerut and Saugor	2nd Lieut., Bengal Artillery	10th June 1859	.....	...

On Special Duty under Foreign Department, from 16th January to 20th December 1862.

Received the thanks of Government for services.

Leave to study Native languages, 20th April to 31st July 1863.

Allahabad	Lieutenant, Bengal Artillery	...	Commissary of Ordnance, 3rd class	13th Apl. 1866.
...	Asst. Revenue Surveyor, Lower Provinces	27th June 1866	.....	...
Calcutta	Asst. Surveyor attached to the Office of the Surveyor-Genl. of India, in charge Photo-Zinco. Office	22nd July 1866	.....	...

Leave on medical certificate to Europe for 1 year 10 months and 24 days, from 25th March 1867.

Calcutta	Re-appointed Asst. Surveyor, 2nd grade, attached to the Office of the Surveyor-Genl. of India	17th Feb. 1869	.....	...
Ditto	Asst. Supdt., 2nd grade, attached to the Office of the Surveyor-Genl. of India	1st Sept. 1869	.....	...

Appointed to Bengal Staff Corps, 9th October 1869, with effect from 27th June 1866.

Calcutta	Asst. Supdt., 1st grade, attached to the Office of the Surveyor-Genl. of India	17th June 1870
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Promoted to Captain, 10th June 1871.

Served with the Indian Eclipse Expedition, from 21st November 1871 to 8th January 1872.

Calcutta	Asst. Surveyor-Genl.	1st Apl. 1874
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Attached to the Expedition for observing the Transit of Venus, from 10th October 1874 to 1st January 1875.

In charge Indian Eclipse Expedition to Nicobar Islands, from 11th March to 18th April 1875.

Received the thanks of Government for his services.

Calcutta	Asst. Supdt., 1st grade, and Asst. Surveyor-Genl.	...	Dy. Supdt., 3rd grade	26th Mar. 1875.
Ditto	Ditto ditto	19th Sept. 1876	.....	..
Ditto	Ditto ditto	...	Dy. Supdt., 3rd grade	23rd Nov. 1877.
Ditto	Ditto ditto	7th Jan. 1878	.....	..
Ditto	Ditto ditto	...	Dy. Supdt., 3rd grade	1st Feb. 1878.

Privilege leave for 3 months, from 9th July 1878.

On Special Duty in Europe, from 10th October to 8th November 1878.

Calcutta	Asst. Supdt., 1st grade, and Asst. Surveyor-Genl.	...	Dy. Supdt., 3rd grade	9th Nov. 1878.
{Ditto	Ditto ditto	6th May 1879	.....	..

Promoted to Major, 10th June 1879.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Supdt., 1st grade, and Asst. Surveyor-Genl.	...	Dy. Supdt., 3rd grade	1st Nov. 1879.
...	Ditto ditto	12th Dec. 1879	.....	...

Furlough to Europe on private affairs for 2 years and 9 days, from 13th December 1879.

(9 days were spent on duty.)

Calcutta	Asst. Supdt., 1st grade, and Asst. Surveyor-Genl., in charge Photo-Zinco. Office	...	Dy. Supdt., 3rd grade	26th Dec. 1881.
Ditto	Dy. Supdt. (new), 4th grade, and Asst. Surveyor-Genl., in charge Photo-Zinco. Office	1st July 1882	Ditto ditto	...
Ditto	Ditto ditto	1st Apl. 1883	Ditto ditto	...
Ditto	Dy. Supdt., 3rd grade, and Asst. Surveyor-General, in charge Photo-Zinco. Office	10th Jan. 1884	.....	...
Ditto	Ditto ditto	13th Jan. 1884	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	3rd Dec. 1884.
Ditto	Ditto ditto	7th Nov. 1885	.....	...

Promoted to Lieutenant-Colonel, 10th June 1885.

Privilege leave for 2 months and 24 days, from 20th July 1885.

Furlough to Europe for 8 months and 23 days, from 21st March 1886.

Calcutta	Dy. Supdt., 3rd grade, and Asst. Surveyor-Genl., in charge Photo-Litho. Office	17th Dec. 1886	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	1st Jan. 1887.
Ditto	Ditto ditto	24th Oct. 1887	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	1st Sept. 1888.
Ditto	Ditto 2nd grade, and Asst. Surveyor-Genl., in charge Photo-Litho. Office	26th Apl. 1889	.....	...

Promoted to Colonel, 10th June 1889.

Privilege leave for 2 months and 26 days, from 9th September 1889.

Calcutta	Dy. Supdt., 2nd grade, and Asst. Surveyor-General, in charge Photo-Litho. Office	5th Dec. 1889	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	10th Apl. 1891.

Furlough to Europe on private affairs for 6 months, from 7th May 1891.

Calcutta	Dy. Supdt., 2nd grade, and Asst. Surveyor-General, in charge Photo-Litho. Office	12th Nov. 1891	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	15th Apl. 1892.
Ditto	Supdt., 2nd grade, ditto	18th Aug. 1892	Supdt., 1st grade	18th Aug. 1892.
Ditto	Ditto ditto	20th Oct. 1892	.....	...

On special duty to Poona, 12th to 17th August 1893.

Privilege leave for 1 month and 28 days, from 18th August 1893.

Calcutta	Supdt., 2nd grade, and Asst. Surveyor-General, in charge Photo-Litho. Office	27th Oct. 1893
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Special leave for 6 months, from 10th July 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Supdt., 2nd grade, and Asst. Surveyor-General, in charge Photo-Litho. Office	30th Nov. 1894	.....	...
Ditto	Supdt., 1st grade, and ditto	26th Mar. 1895	.....	...

Literary Works.—Wrote a report on the Cartographic applications of photography as used in the Topographical Departments of the principal States in Central Europe, containing notes on the European and Indian surveys, and on the application of photography on surveying; published by the Superintendent, Government Printing, Calcutta, 1870. Hand-book of Topographical Drawing, in two parts, photo-zincographed and published at the Surveyor-General's Office, Calcutta. Pamphlet on "Application of Photography to the reproduction of maps and plans by photo-mechanical and other processes," originally submitted to the Geographical Congress at Paris in 1875, but published *in extenso* in the Journal of the Asiatic Society of Bengal, Part II, No. 2, 1878; also papers relating to Surveys in Afghanistan, Tidal Surveys, spectroscopic photography and photo-mechanical printing in Asiatic Society's Journal. Published a series of papers on Photo-zincography in the "Photographic News," 1881-84; also other papers on Photographic subjects in other Photographic Journals. Wrote "Practical Notes on the Preparation of Drawings for Photographic Reproduction," published by Trübner & Co., London, 1890. Awarded Progress Medal for 1891 by the Photographic Society of Great Britain. Awarded a gold medal by the Photographic Society of Vienna, from the Voigtländer Bequest.

Woodthorpe, Colonel Robert Gosset, C.B., R.E.—Joined, 25th June 1865; arrived, 25th November 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at Royal Engineering Establishment, Chatham, till November 1867.</i>				
<i>Employed in Works Department, Manufacturing District, in England, till May 1869.</i>				
Chakrata	Attached to Sappers and Miners	24th Dec. 1869 to 31st May 1871.	.....	...
Mussooree	Asst. Supdt., 2nd grade, No. 4 Party, Topl. Survey	18th July 1871	.....	...
Shillong	Ditto, No. 6 Topl. Party, Khasia and Garo Hills Survey	1st Oct. 1871	.....	...
Ditto	Ditto ditto in charge Garo Hills Survey	1st Nov. 1872	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Shillong	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasia and Garo Hills Survey	1st June 1873	.....	...
Ditto	Ditto ditto	...	Asst. Supdt., 1st grade	11th Aug. 1873.
Ditto	Asst. Supdt. (new), 3rd grade, ditto	1st April 1874	.....	...
Ditto	Ditto, 2nd grade, ditto	1st April 1874	.....	...

**Privilege leave for 3 months, from 17th July 1874.*

Shillong	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasia and Garo Hills Survey	17th Oct. 1874	.....	...
Ditto	Ditto, in charge Naga Hills Survey	1st Jan. 1875	.....	...
Ditto	Ditto, No. 6 Topl. Party, Khasia and Garo Hills Sur- vey	24th April 1875	.....	...
Calcutta	Ditto, and Asst. Surveyor- General, in charge Litho- graphic Branch	July to 31st Oct. 1875.	.....	...
Shillong	Ditto, in charge Naga Hills Survey	1st Nov. 1875	.....	...

*Appointed Political Officer with the Survey on death of Captain Butler, Political Agent, in
January 1876.*

Shillong	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasia and Garo Hills Survey	1st April 1876	.....	...
Dibrugarh	Ditto, in charge North Lakhimpur Topl. Survey	1st Nov. 1876	.....	...
Shillong	Ditto, No. 6 Topl. Party, Khasia and Garo Hills Sur- vey	1st Dec. 1876	.....	..
Lakhimpur	Ditto, in charge North Brahmaputra Topl. Survey	1st Oct. 1877	.....	...

Promoted to Captain, 22nd May 1878.

Lakhimpur	Asst. Supdt., 2nd grade, in charge North Brahmaputra Topl. Survey	...	Asst. Supdt., 1st grade	28th May 1878.
Shillong	Ditto, No. 6 Topl. Party, Khasia and Garo Hills Sur- vey	1st July 1878	Ditto ditto	...
Ditto	Ditto ditto	12th Aug. 1878	.....	...
...	Asst. Supdt., 2nd grade, in charge Survey Party with the Frontier Expeditionary Field Force, Kurram Column	1st Sept. 1878	.....	...
...	Ditto ditto	...	Asst. Supdt., 1st grade	1st Jan. 1879.
...	Ditto ditto	15th Jan. 1879	.....	...

Promoted to Brevet-Major, 22nd November 1879.

Furlough on private affairs for one year, from 30th October 1880.

Promoted to Brevet-Lieutenant-Colonel, 2nd March 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sylhet	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasia and Garo Hills Survey	1st Nov. 1881	...	...
Ditto	Ditto ditto	...	Asst. Supdt., 1st grade	12th Nov. 1881.
Ditto	Ditto ditto in charge No. 6 Topl. Party, Khasia and Garo Hills Survey	3rd Dec. 1881	Asst. Supdt., 1st grade	...
Ditto	Ditto 1st grade, in charge No. 6 Topl. Party, North-East Frontier Survey.	1st July 1882	Dy. Supdt., 4th grade.	1st July 1882.
Ditto	Ditto ditto	9th Jan. 1883	.....	...
Shillong	Ditto ditto	...	Dy. Supdt., 4th grade.	12th Feb. 1883.

Privilege leave for 2 months and 26 days, from 25th June 1884.

Shillong	Dy. Supdt., 4th grade, in charge No. 6 Topl. Party, North-East Frontier Survey.	28th Nov. 1884
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Promoted to Colonel, 2nd March 1885.

...	Dy. Supdt., 4th grade, on special duty with the Gilgit Mission	25th May 1885
...	Ditto ditto	...	Dy. Supdt., 3rd grade	21st Mar. 1886.
...	Ditto, in charge Kubo Valley Detachment	1st Oct. 1886 to 30th Nov. 1887.	Ditto ditto	...

Made a C.B. in November 1887.

Privilege leave for 3 months, from 4th December 1887.

Services placed at the disposal of the Foreign Department from 10th February 1888, and employed on special duty in Europe up to 9th October 1888.

Furlough for 4 months, from 10th October 1888.

Simla	Dy. Quarter-Master General for Intelligence	15th Feb. 1889	.....	...
Ditto	Dy. Supdt., 3rd grade, Survey of India, on special duty	5th June 1892	Dy. Supdt., 2nd grade	5th June 1892.
Bangalore	Ditto, No. 11 Party (Upper Burma)	23rd June 1892	Ditto ditto	...
Ditto	Ditto ditto, and in charge No. 21 Party (Upper Burma)	20th July 1892	Ditto ditto	...
Ditto	Ditto, 1st grade, ditto.	18th Aug. 1892	Supdt., 2nd grade	18th Aug. 1892.

Made over charge of No. 21 Party, 20th October 1892.

Bangalore	Dy. Supdt., 1st grade, in charge Anglo-Siamese Boundary Commission Survey Party	1st Dec. 1892	Supdt., 2nd grade	...
Mandalay	Ditto, in charge No. 11 Party (Upper Burma)	...	Ditto ditto	...

Privilege leave for 1 month, from 12th September 1893.

Mandalay	Dy. Supdt., 1st grade, in charge No. 11 Party (Upper Burma)	12th Oct. 1893	Supdt., 2nd grade	...
Ditto	Supdt., 2nd grade, ditto	28th Apl. 1894	.....	...

Privilege leave for 1 month, from 3rd October 1894, recalled to duty 24th October 1894, served as Survey Officer with the Mekong Commission, from 24th October 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mandalay .	Supdt., 2nd grade	Supdt., 1st grade .	23rd Apl. 1895.
<i>Furlough for 2 years, from 16th September 1895.</i>				
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War Services.—Served with the Left column, Lushai expeditionary force, 1871-72—Frontier medal with clasp for Lushai; served with the Garo Hills Expedition in 1872-73, and with the Naga Hills punitive Expedition in 1875 (mentioned in despatches); joined the Kurram column, Frontier expeditionary Field Force, 1st Afghanistan campaign, at Kohat, 25th October 1878; present at the action on the Peiwar Kotal (slightly wounded); mentioned in Despatches; 2nd Campaign from 29th September 1879 to date of evacuation of Kabul; present at Alikhel, 14th October, at Killa Kariz Mir on 10th and Charda 11th December 1879; attack of Takht-i-Shah, 13th; Asmai heights, 14th, and subsequent operations till 23rd December 1879, inclusive; skirmishes at Snidabad, 25th and 26th April 1880 (very slightly wounded); thanks of Governor-General in Council and Secretary of State for India; mentioned in despatches of Generals Roberts and Ross. (Medal and two clasps), Aka Expedition, 1883-84. Upper Burma, 1886-87 (two clasps). Thanks of the Government of India and Secretary of State on several occasions.

Literary Works.—Account of the Lushai expedition, 1871-72, Northern column—Hurst and Blackett, 1872. Assisted Sir W. Lockhart in the History of the Chitral Mission of 1885-86, a confidential work, printed by the India Office. Papers on the Nagas for the Anthropological Society in Upper Burma and the Survey of the Chindwin River, for the Royal Geographical Society, on the Lushai and Aka expeditions for the United Service Institution of India.

PROVINCIAL SERVICE.

Barckley, William Cyclone Groome.—Joined the service, 13th September 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 13th September 1892.</i>				
Bangalore	Extra Asst. Supdt., 4th grade, attached to No. 21 Party (Upper Burma)	13th Sept. 1892	.....	...
<i>Privilege leave for 1 month, from 20th September 1892.</i>				
Bangalore	Extra Asst. Supdt., 4th grade, attached to No. 21 Party (Upper Burma)	20th Oct. 1892	.....	...
<i>Suspended from office for 3 days in May 1893.</i>				
Bangalore	Extra Asst. Supdt., 6th grade, attached to No. 21 Party (Upper Burma)	23rd May 1893	.....	...
Calcutta	Ditto ditto, attached to Head-quarters Office	19th Oct. 1893	.....	...
<i>Privilege leave for 24 days, from 28th May 1894. Recalled to duty 21st June 1894.</i>				
Calcutta	Extra Asst. Supdt., 6th grade, attached to Head-quarters Office	21st June 1894	.....	...

Barker, James Alexander.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Rangoon	Extra Asst. Supdt., 4th grade, attached to No. 20 Party (Burma)	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	8th Nov. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
<i>On sick leave for 8 days, 18th to 25th May 1893.</i>				
Calcutta	Extra Asst. Supdt., 5th grade, attached to Head-quarters Office	5th June 1893	.....	...
<i>Privilege leave for 2 months, from 1st April 1895.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Extra Asst. Supdt., 4th grade, attached to Head-quarters Office	26th Nov. 1895	.....	...

Belcham, George Patrick.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Poona	Extra Asst. Supdt., 2nd grade, attached to No. 25 Party (Tidal and Levelling) . . .	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto . . .	23rd May 1893	.....	...
Ditto	Ditto, 2nd grade, ditto . . .	18th Dec. 1893	.....	...
Ditto	Ditto ditto, ditto . . .	...	In temporary charge No. 25 Party (Tidal and Levelling) . . .	9th Aug. 1895.
Ditto	Ditto ditto, ditto . . .	1st Oct. 1895	.....	...
<i>Privilege leave for 2 months, from 18th April to 17th June 1896.</i>				

Berkeley, Lionel Fitz-Hardinge.—Joined the service, 27th March 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 27th March 1895.</i>				
Palamau	.....	...	Extra Asst. Supdt., 6th grade, attached to Nos. 2 and 8 Parties (Bengal)	27th Mar. 1895
Ditto	Extra Assistant Superintendent, 6th grade, attached to Nos. 2 and 8 Parties (Bengal)	27th Apl. 1895	.....	...
Mussoorie	Ditto ditto in charge Palamau Detachment . . .	1st Oct. 1895	.....	...

Bond, James.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Poona .	Extra Asst. Supdt., 3rd grade, attached to No. 25 Party (Tidal and Levelling)	18th Aug. 1892	.....	...
Ditto .	Ditto, 5th grade, ditto .	23rd May 1893	.....	...
Ditto .	Ditto, 4th grade, ditto .	6th July 1894	.....	...

Buttress, William Samuel.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Mandalay .	Extra Asst. Supdt., 1st grade, attached to No. 12 Party (Minbu)	18th Aug. 1892	.....	...
Ditto .	Ditto, 2nd grade, ditto .	23rd May 1893	.....	...
Ditto .	Ditto ditto ditto .	...	In temporary charge No. 12 Party (Magwè)	10th Aug. 1894
Ditto .	Ditto ditto, attached to No. 12 Party (Magwè)	17th Nov. 1894	.....	...
Ditto .	Ditto ditto .	...	In temporary charge No. 12 Party (Magwè)	4th Dec. 1894.
Ditto .	Ditto ditto, attached to No. 12 Party (Magwè)	7th Dec. 1894	.....	...
Mussoorie .	Ditto ditto, attached to No. 3 Party (N.-W. P. and Oudh)	17th Nov. 1895	In temporary charge No. 2 Party (N.-W. P. and Oudh)	17th Nov. 1895.
Ditto .	Ditto ditto, ditto .	1st Jan. 1896	.....	...

Campbell, George.—Joined th service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Extra Asst. Supdt., 4th grade, attached to Head-quarters Office	18th Aug. 1892	.....	...
Midnapore	Ditto, ditto attached to No. 2 Party (Eastern Bengal)	1st Dec. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Calcutta	Ditto ditto attached to Head-quarters Office	1st Oct. 1893	.. ...	...
Bihar	Ditto ditto, attached to Nos. 2 and 8 Parties (Bihar)	1st Nov. 1893	.....	...
<i>Privilege leave for 2 months and 19 days, from 19th April 1894.</i>				
Calcutta	Extra Asst. Supdt., 6th grade, attached to Head-quarters Office	1st Nov. 1894	.....	...

Christie, Albert Douglas Lincoln.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Dehra Dún	Extra Asst. Supdt., 2nd grade, attached to Computing Party	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	23rd May 1893	.....	...
<i>Privilege leave for 1 month and 13 days, from 4th July 1894.</i>				
<i>Privilege leave for 2 months, from 4th May 1896.</i>				

Claudius, Thomas Ernest McMahon.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Quetta .	Extra Asst. Supdt., 3rd grade, attached to No. 15 Party (Baluchistan)	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 15 Party (Baluchistan)	14th June 1895.
Ditto	Ditto ditto	...	Ditto and in charge Baluch-Afghan De- tachment	1st July 1895.

Connor, Edwin Joscelyn.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Poona .	Extra Asst. Supdt., 3rd grade, attached to No. 25 Party (Tidal and Levelling)	18th Aug. 1892	.....	...
Ditto .	Ditto, 4th grade, ditto	23rd May 1893	.....	...

Connor, James.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Mandalay	Extra Asst. Supdt., 3rd grade, attached to No. 3 Party (Shwabo)	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	18th Dec. 1893	.....	...

Cornelius, Walter John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Simla	Extra Asst. Supdt., 4th grade, attached to the Drawing Office	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...

Cusson, Geoffrey D'Esteval.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 4th grade, and Draftsman, Head-quarters Office	18th Aug. 1892	.....	...
<i>On special duty on the Nepal-Pilibhit Boundary Survey from 23rd March 1893.</i>				
Calcutta	Extra Asst. Supdt., 6th grade	23rd May 1893	.....	...
Ditto	Ditto and Draftsman, Head-quarters Office	2nd June 1893	.....	...
Ditto	Extra Asst. Supdt., 5th grade, and Draftsman, Head-quar- ters Office	6th July 1893	.....	...
Ditto	Ditto ditto ditto	1st Nov. 1893	.....	...
Ditto	Ditto ditto, ditto	...	Head Draftsman, Head-quarters Office	1st Jan. 1896.

Dickinson, Richard Randall.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Poona	Extra Asst. Supdt., 6th grade, attached to No. 10 Party (Bombay)	23rd May 1893	.....	...

Station	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 1st March 1894.</i>				

Doran, Patrick John William.—Joined the service, 18th August 1892.

Station.	Substantivo Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Bangalore	Extra Asst. Supdt., 4th grade, attached to No. 11 Party (Upper Burma)	18th Aug. 1892	.....	...
Barma	Ditto ditto, attached to Anglo-Siamese Boundary Commission	1st Dec. 1892	.....	...
Bangalore	Ditto, 4th grade, attached to No. 11 Party (Upper Burma)	1st May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 11 Party (Upper Burma)	...
Ditto	Ditto ditto	1st Dec. 1894	.....	4th Nov. 1894. ...

Dowman, Henry.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Kamptee	Extra Asst. Supdt., 2nd grade, in charge No. 9 Party (Central Provinces)	18th Aug. 1892	.....	...
Ditto	Ditto, attached to ditto	28th Oct. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 9 Party (Central Provinces)	14th June 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kamptee	Extra Asst. Supdt., 3rd grade, attached to No. 9 Party (Central Provinces)	14th Sept. 1893	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 9 Party (Central Provinces)	9th Jan. 1895.
Ditto	Ditto ditto, attached to No. 9 Party (Central Provinces)	20th Mar. 1895	.....	...
<i>Privilege leave for 2 months, from 6th August 1895.</i>				
Kamptee	Extra Asst. Supdt., 2nd grade, attached to No. 9 Party (Central Provinces)	26th Nov. 1895	.....	...

Dunne, Thomas Henry.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Central Provinces	Extra Asst. Supdt., 3rd grade, on deputation to Settlement Department	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	6th July 1894	.....	...

Ewing, Richard Cunningham Dundee.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Cuttack	Extra Asst. Supdt., 4th grade, attached to No. 8 Party, (Orissa)	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	14th Jan. 1893	.....	...
Ditto	Ditto, ditto in charge ditto	25th Apl. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Cuttack	Extra Asst. Supdt., 5th grade, in charge No. 8 Party (Orissa)	23rd May 1893	.....	...
Ditto	Ditto ditto, in charge Orissa Detachment	1st Oct. 1893	.....	...
Ditto	Ditto ditto, on deputation to Settlement Department, Bengal	1st Oct. 1895	.....	...
Ditto	Ditto, 4th grade, ditto	8th June 1896	.....	...

Fielding, William Augustus.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Simla	Extra Asst. Supdt., 6th grade, attached to No. 18 Party (Himalaya)	23rd May 1893	.....	...
<i>Privilege leave for 2 months and 28 days, from 19th June 1893.</i>				
<i>Privilege leave for 1 month and 28 days, from 17th July to 13th September 1895.</i>				

Gibson, Andrew John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Bangalore	Extra Asst. Supdt., 1st grade, in charge Mergui Detachment	18th Aug. 1892	.....	...
Shillong	Ditto, attached to No. 6 Party (Assam)	1st Nov. 1892	.....	...
Ditto	Ditto, 1st grade	...	In temporary charge, No. 6 Party (Assam)	29th Apl. 1893.
Ditto	Ditto, 2nd grade	23rd May 1893	Ditto ditto	...
Poona	Ditto ditto, attached to No. 10 Party (Bombay)	26th Nov. 1893	.....	...
<i>Privilege leave for 1 month, from 1st May 1894.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona	Extra Asst. Supdt., 2nd grade, attached to No. 10 Party (Bombay)	...	In temporary charge No. 10 Party (Bombay)	5th May 1895.
Ditto	Ditto ditto	27th June 1895	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 10 Party (Bombay)	7th Aug. 1895.
Ditto	Ditto ditto	3rd Sept. 1895	.....	...
Ditto	Ditto, 1st grade, ditto	26th Nov. 1895	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 10 Party (Bombay)	26th Apl. 1896.
Ditto	Ditto ditto	15th June 1896	.....	...

Hall, George Thomas.—Joined the service, 8th November 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 8th November 1892.</i>				
Dinapore	Extra Asst. Supdt., 4th grade, attached to Nos. 4 and 5 Parties (Bihar)	8th Nov. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Bihar	Ditto ditto, attached to Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	27th Mar. 1895	.....	...
Ditto	Ditto ditto, attached to Nos. 4 and 5 Parties (Bihar).	1st Oct. 1895	.....	...

Hamer, Charles Frederick.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bangalore	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party (Madras)	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
<i>Privilege leave for 3 months, from 1st April 1895.</i>				
Bangalore	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party (Madras)	8th June 1896	.....	...

Hanby, Henry Townsend.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Hazaribagh	Extra Asst. Supdt., 2nd grade, attached to No. 4 Party (Western Duars)	18th Aug. 1892	.....	...
Dinapore	Ditto ditto, attached to Nos. 4 and 5 Parties (Bihar)	1st Nov. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto.	23rd May 1893	.....	...
<i>Privilege leave for 2 months, from 7th August 1893.</i>				
<i>Privilege leave for 3 months, from 5th September 1895.</i>				

Hickie, John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Mussooree	Extra Asst. Supdt., 4th grade, attached to No. 24 Party (Upper Burma)	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto.	23rd May 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for one month, from 1st August 1894.</i>				
Mussooree	Extra Asst. Supdt., 5th grade	...	In temporary charge No. 24 Party (Upper Burma)	1st Oct. 1894.
Ditto	Ditto ditto, attached to No. 24 Party (Upper Burma)	18th Oct. 1894	.....	...

Hill, Elliot Playfair Smyth.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Central Provinces.	Extra Asst. Supdt., 6th grade, on deputation to Settlement Department	23rd May 1893	.....	...

James, Alfred John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 3rd grade, and Draftsman, Head-quarters Office	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
Mandalay	Ditto ditto, attached to No. 21 Party (Upper Burma)	1st Nov. 1893	.....	...

Jarbo, George William.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Rangoon	Extra Asst. Supdt., 4th grade, attached to No. 7 Party (Amherst)	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...

Keating, James.—Joined the service, 25th November 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 25th November 1893, and again from 24th January to 5th July 1894.</i>				
Mussooree	.....	...	Extra Asst. Supdt., 6th grade, attached to No. 14 Party (Nimar)	25th Nov. 1893.
Ditto	Extra Asst. Supdt., 6th grade, attached to No. 14 Party (Central Provinces)	6th July 1894	.....	...
Ditto	Ditto ditto, ditto	...	In temporary charge No. 14 Party (Central Provinces)	5th Nov. 1895.
Ditto	Ditto ditto, ditto	5th Dec. 1895	.....	...

Kelly, William Mathew.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Bangalore	Extra Asst. Supdt., 6th grade, attached to No. 11 Party (Upper Burma)	23rd May 1893	.....	...

Kennedy, Joseph Michael.—Joined the service, 8th June 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 8th June 1896.</i>				
..	Extra Asst. Supdt., 6th grade, on deputation to Siam Government	8th June 1896	.....	..

Knight, George Arthur.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Poona .	Extra Asst. Supdt., 6th grade, attached to No. 10 Party (Bombay)	23rd May 1893	.....	..
Quetta .	Ditto ditto, attached to No. 15 Party (Baluchistan)	1st Nov. 1895	.....	..

Kraal, Charles Samuel.—Joined the service, 27th March 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 27th March 1895.</i>				
Bihar .	Extra Asst. Supdt., 6th grade, attached to Nos. 4 and 5 Parties (Bihar)	27th Mar. 1895	.....	..

Little, Edwin George.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Mandalay	Extra Asst. Supdt., 2nd grade, attached to No. 12 Party (Minbu)	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto, attached to No. 3 Party (Upper Burma)	1st Nov. 1895	.. ..	...

Marten, James.—Joined the service, 27th April 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 27th April 1895.</i>				
...	.....	...	Extra Asst. Supdt., 6th grade, on deputation, Forest Department.	27th Apl. 1895.
...	Extra Asst. Supdt., 6th grade, on deputation, Forest Department	27th Oct. 1895	.....	...

Marten, Thomas Sinclair.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
.....	Extra Asst. Supdt., 6th grade, on deputation, Forest Department	23rd May 1893	.....	...

McA'Fee, Charles Henry.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Dehra Dun	Extra Asst. Supdt., 3rd grade, attached to the Drawing Section, Trigonometrical Branch Office	18th Aug. 1892	.....	...
Ditto	Ditto, 2nd grade, ditto	8th Nov. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
<i>Privilege leave for 2 months, from 3rd January 1895.</i>				
Dehra Dun	Extra Asst. Supdt., 3rd grade, attached to the Drawing Section, Trigonometrical Branch	26th Nov. 1895	.....	...

McHatton, John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Tippersa	Extra Asst. Supdt., 4th grade, attached to No. 2 Party (Eastern Bengal)	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto, attached to Nos. 2 and 8 Parties (Bengal)	1st Oct. 1893	.....	...
Darjeeling	Ditto ditto ditto	1st Oct. 1894	.....	...
<i>Privilege leave for 2 months and 23 days, from 3rd August to 25th October 1895.</i>				
Bihar	Extra Asst. Supdt., 5th grade, attached to Nos. 4 and 5 Parties (Bihar)	1st Oct. 1895	.....	...

Murphy, John.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Rangoon	Extra Asst. Supdt., 6th grade, attached to No. 7 Party (Amherst)	23rd May 1893	.....	...

Norman, Charles Arthur.—Joined the service, 27th March 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 27th March 1895.</i>				
Poona	Extra Asst. Supdt., 6th grade, attached to No. 17 Party (Bombay Forest.)	27th Mar. 1895	.....	...
<i>Privilege leave for 2 months and 26 days, from 12th July to 7th October 1895.</i>				

Norman, Sydney Frederick.—Joined the service, 7th August 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 7th August 1894.</i>				
Poona	Extra Asst. Supdt., 6th grade, attached to No. 17 Party (Bombay Forest)	7th Aug. 1894	.....	.....

O'Donel, James Hoppner.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Assam .	Extra Asst. Supdt., 3rd grade, in charge No. 6 Party (Assam)	18th Aug. 1892	.....	...
Ditto	Ditto attached to ditto	10th Oct. 1892	.....	...
<i>Services placed at the disposal of the Assam Government, from 3rd November 1892 (afternoon).</i>				
Assam .	Extra Asst. Supdt., 4th grade .	23rd May 1893	.....	...

O'Sullivan, William John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Obhittagong .	Extra Asst. Supdt., 2nd grade, in charge No. 2 Party (Eastern Bengal)	18th Aug. 1892	.....	...
Ditto	Ditto, attached to ditto	24th Nov. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
Calcutta	Ditto, ditto attached to Nos. 2 and 8 Parties (Bengal)	1st Oct. 1893	.....	...
<i>Privilege leave for 3 months, from 16th November 1893.</i>				
...	Extra Asst. Supdt., 3rd grade	25th Nov. 1893	.....	...
Bihar .	Ditto, ditto attached to Nos. 4 and 5 Parties (Bihar)	18th May 1894	.....	...
Naini Tal .	Ditto, ditto attached to N.-W. P. and Oudh De- tachment	1st Nov. 1894	.....	...
Ditto	Ditto ditto, attached to No. 8 Party (N.-W. P. and Oudh)	...	.....	...

Parker, George Edwin.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Central Provinces.	Extra Asst. Supdt., 4th grade, on deputation to Settlement Department	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Calcutta	Ditto, ditto attached to Head-quarters Office	12th Nov. 1894	.....	...
Naini Tal	Ditto, ditto attached to N.-W. P. and Oudh Detachment	1st Dec. 1894	.....	...
Ditto	Ditto, 5th grade, ditto	27th Mar. 1895	.....	...
<i>Privilege leave for 1 month, from 6th June 1895.</i>				
Mussoorie	Extra Asst. Supdt., 5th grade, attached to No. 2 Party (N.-W. P. and Oudh)	1st Oct. 1895	.....	...
<i>Privilege leave for 2 months and 27 days, from 6th May 1896.</i>				

Penrose, William Henry.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Calcutta	Extra Asst. Supdt., 6th grade, attached to Head-quarters Office	23rd May 1893	.....	...
Assam	Ditto ditto No. 6 Party (Assam)	5th June 1893	.....	...
Ditto	Ditto ditto ditto . . . . .	...	In temporary charge No. 6 Party (Assam)	23rd Apl. 1895.
Ditto	Ditto ditto ditto	3rd Nov. 1895	.....	...
Ditto	Ditto, 5th grade, ditto	26th Nov. 1895	.....	...

Peters, Paul Agabeg.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Penang	Extra Asst. Supdt., 6th grade, on deputation, Straits Settlements	23rd May 1893	.....	...
Calcutta	Ditto ditto, attached to Head-quarters Office	1st Jan. 1894	.....	...
Ditto	Ditto ditto, attached to Nos. 2 and 8 Parties (Bengal)	16th Jan. 1894	.....	...
Kamptee	Ditto ditto, attached to No. 9 Party (Central Provinces)	24th Mar. 1895	.....	...

Peychers, Henry William.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Debra Dún	Extra Asst. Supdt., 2nd grade, attached to the Computing Party	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 2nd grade, ditto	25th Nov. 1893	.....	...
<i>Privilege leave for 2 months and 28 days, from 28th April to 25th July 1895.</i>				

Pocock, Lovell Jeremiah.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 2nd grade, and Head Draftsman, Head-quarters Office	18th Aug. 1892	.....	...
Ditto	Ditto ditto, ditto	...	Chief Draftsman, Head-quarters Office	11th Apl. 1893.
Ditto	Ditto, 3rd grade, ditto	23rd May 1893	Ditto ditto	...
Ditto	Ditto ditto ditto	6th July 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 15th July 1893.</i>				
Calcutta	Extra Asst. Supdt., 3rd grade, and Chief Draftsman, Head-quarters Office	1st Apl. 1894	.....	...

Potter, Clemons Defries.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Simla	Extra Asst. Supdt., 3rd grade, attached to No. 18 Party (Himalaya)	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto, ditto . . . . .	...	In temporary charge No. 18 Party (Himalaya)	26th Sept. 1894.
Ditto	Ditto 4th grade, ditto	27th Mar. 1895	Ditto ditto . . . . .	...
Ditto	Ditto ditto, ditto	2nd July 1895	.....	...
Ditto	Ditto ditto, ditto . . . . .	...	In temporary charge No. 18 Party (Himalaya)	15th Jan. 1896.

Price, Walter Caspersz.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 2nd grade, attached to Head-quarters Office	18th Aug. 1892	.. ..	...
<i>Privilege leave for 7 days, from 8th October 1892.</i>				
Bihar	Extra Asst. Supdt., 2nd grade, attached to Nos. 4 and 5 Parties (Bihar)	15th Oct. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rangoon	Extra Asst. Supdt., 2nd grade, attached to No. 7 Party (Amherst)	1st Dec. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 3rd grade, ditto	18th Dec. 1893	.....	...
Ditto	Ditto ditto	...	In temporary charge No. 7 Party (Amherst)	13th Apl. 1895.
Ditto	Ditto ditto, ditto	13th July 1895	.....	...

Prunty, Patrick Fitzroy.—Joined the service, 24th October 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 24th October 1893.</i>				
Mussooree	.....	...	Extra Asst. Supdt., 6th grade, attached to No. 2 ^a Party (Upper Burma)	24th Oct. 1893.
Karachi	Extra Asst. Supdt., 6th grade, attached to No. 2 ^a Party (Upper Burma)	15th Nov. 1893	.....	...
<i>Privilege leave for 27 days, from 7th June 1894.</i>				

Rendell, Thomas Henry.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Mussooree	Extra Asst. Supdt., 3rd grade, attached to No. 2 ^a Party (Upper Burma)	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
<i>Privilege leave for 3 months, from 10th July 1893.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Furlough for 3 months, from 24th October 1893.</i>				
Simla . . .	Extra Asst. Supdt., 4th grade, attached to Simla Drawing Office	24th Jan. 1894	.....	...

Robert, William.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Simla . . .	Extra Asst. Supdt., 4th grade, attached to No. 18 Party (Himalaya)	18th Aug. 1892	.....	...
Ditto . . .	Ditto, 6th grade, ditto	23rd May 1893	.....	...
<i>Privilege leave for 1 month and 24 days, from 11th June 1894.</i>				
Simla . . .	Extra Asst. Supdt., 5th grade, attached to No. 18 Party (Himalaya)	6th July 1894	.....	...

Scott, James Reid.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Central Prov- inces.	Extra Asst. Supdt., 4th grade, on deputation to Settlement Department	18th Aug. 1892	.....	...
Ditto . . .	Ditto, 5th grade, ditto,	23rd May 1893	.....	...
Ditto . . .	Ditto ditto (seconded), ditto	27th Oct. 1895	.....	...

Shaw, Thomas.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 4th grade, attached to Head-quarters Office	18th Aug. 1892	.....	...
Ditto	Ditto, in charge Burdwan Detachment	14th Oct. 1892	.....	...
Ditto	Ditto, attached to No. 2 Party (Eastern Bengal)	1st Dec. 1892	.....	..
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties (Bengal)	1st Oct. 1893	.....	...
Ditto	Ditto ditto, attached to Head-quarters Office	1st Jan. 1896	.....	...

Smart, Arthur William.—Joined the service, 23rd May 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 23rd May 1893.</i>				
Cuttack	Extra Asst. Supdt., 6th grade, attached to No. 8 Party (Orissa)	23rd May 1893	.....	.
Bihar	Ditto ditto, attached to Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	.....	...
Ditto	Ditto ditto attached to Nos. 4 and 5 Parties (Bihar)	1st Oct. 1894	.....	...
Ditto	Ditto, 5th grade, ditto	8th June 1896	.....	...

Smart, Robert Boddington.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Rangoon	Extra Asst. Supdt., 3rd grade, attached to No. 7 Party (Amherst)	18th Aug. 1892	.....	...
Dinapore	Ditto attached to Nos. 4 and 5 Parties (Bihar)	1st Dec. 1892	... ..	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
Eihar	Ditto ditto, attached to Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	.....	...
Ditto	Ditto ditto attached to Nos. 4 and 5 Parties (Bihar)	1st Oct. 1894	.....	...

Stotesbury, William.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Poona	Extra Asst. Supdt., 3rd grade, attached to No. 10 Party (Bombay)	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	...
Calcutta	Ditto ditto and Head Draftsman, Head-quarters Office	6th July 1894		
<i>Furlough out of India for 2 years, from 25th May 1895.</i>				

Swiney, George Carleton.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Central Provinces .	Extra Asst. Supdt., 4th grade, on deputation to Settlement Department	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	18th Dec. 1893	.....	...
Calcutta	Ditto ditto, attached to Head-quarters Office	7th Oct. 1894	.....	...
Mandalay	Ditto ditto, attached to No. 12 Party (Magwe)	27th Oct. 1894	.....	...
Ditto	Ditto ditto, attached to No. 3 Party (Upper Burma)	1st Jan. 1895	.....	...

Swiney, John Sydney.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Mandalay	Extra Asst. Supdt., 4th grade, attached to No. 12 Party (Minbu)	18th Aug. 1892	.....	...
Ditto	Ditto 6th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	18th Dec. 1893	.....	...
Bangoon	Ditto ditto, attached to No. 7 Party (Lower Burma).	18th Oct. 1895	.....	...

Tapsell, Charles Edward.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Poona .	Extra Asst. Supdt., 3rd grade, attached to No. 10 Party (Bombay)	18th Aug. 1892	.....	...
Ditto .	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto .	Ditto ditto attached to No. 17 Party (Bombay Forest)	13th Nov. 1893	.....	...
Ditto .	Ditto ditto ditto	...	In temporary charge No. 17 Party (Bombay Forest)	28th Apl. 1894.
Ditto .	Ditto ditto ditto	11th May 1894	.....	...
Ditto .	Ditto ditto ditto	...	In temporary charge No. 17 Party (Bombay Forest)	27th July 1894.
Ditto .	Ditto ditto ditto	27th Oct. 1894	.....	...
Ditto .	Ditto, 4th grade, ditto	27th Mar. 1895	.....	...
Ditto .	Ditto ditto, ditto	...	In temporary charge No. 17 Party (Bombay Forests)	25th Jan. 1896.
Ditto .	Ditto ditto, ditto	21st May 1896	.....	...

Tate, George Passman.—Joined the service, 27th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 27th October 1895.</i>				
Quetta .	.....	...	Extra Asst. Supdt., 6th grade, attached to No. 15 Party (Baluchistan)	27th Oct. 1895.
Ditto .	Extra Asst. Supdt., 6th grade, attached to No. 15 Party (Baluchistan)	26th Nov. 1895	.....	...

Todd, Hugh.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Bangalore	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party (Madras)	18th Aug. 1892	.. ..	..
Ditto	Ditto, 4th grade, ditto	23rd May 1893	.....	..

Todd, Robert.—Joined the service, 14th January 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 14th January 1893.</i>				
Bangalore	Extra Asst. Supdt., 4th grade, attached to No. 19 Party (Madras)	14th Jan. 1893	.....	..
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	..
<i>Privilege leave for 1 month, from 12th July 1893.</i>				
Bangalore	Extra Asst. Supdt., 6th grade, attached to No. 19 Party (Madras)	12th Aug. 1893	.....	..
Ditto	Ditto 5th grade, ditto	27th Oct. 1895	.....	..

Torrens, Charles Patton.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Burma	Extra Asst. Supdt., 4th grade, on deputation to Settlement Department	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	6th July 1894	.....	...

Vander-Beek, George Gerard.—Joined the service, 6th December 1892.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
<i>Held non-gazetted appointments prior to 6th December 1892.</i>				
Dinapore	Extra Asst. Supdt., 4th grade, attached to Nos. 4 and 5 Parties (Bihar)	6th Dec. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
Bihar	Ditto ditto, attached to Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	27th Mar. 1895	.....	...
Karachi	Ditto ditto, attached to No. 12 Party (Sind)	28th Oct. 1895	.....	...

Wainright, Edwin Alfred.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Quetta	Extra Asst. Supdt., 4th grade, attached to No. 15 Party (Baluchistan)	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	6th Dec. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	27th Mar. 1895	.....	...

White, Patrick.—Joined the service, 15th November 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 15th November 1893.</i>				
Rangoon	.....	...	Extra Asst. Supdt., 6th grade, attached to No. 20 Party (Burma)	15th Nov. 1893.
Ditto	Extra Asst. Supdt., 6th grade, attached to No. 20 Party (Burma)	25th Nov. 1893	.....	...

Wilson, Alfred John.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 1st grade, attached to the Calcutta Survey Detachment	18th Aug. 1892	.....	...
Ditto	Ditto ditto, attached to Head-quarters Office	1st Sept. 1894	.....	...
Mandalay	Ditto ditto, attached to No. 21 Party (Upper Burma)	1st Nov. 1894	.....	..
Ditto	Ditto ditto, ditto	...	In temporary charge No. 21 Party (Upper Burma)	10th July 1895.
Ditto	Ditto ditto, ditto	2nd Dec. 1895	.....	...

Wilson, Charles Walker.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 4th grade, attached to No. 6 Party (Assam)	18th Aug. 1892	.....	...
Ditto	Ditto, attached to Headquarters Office	10th Nov. 1892	.....	...
Ditto	Ditto, 6th grade, ditto	23rd May 1893	.....	...
<i>Privilege leave for 20 days, from 1st November 1893.</i>				
Mandalay	Extra Asst. Supdt., 6th grade, attached to No. 3 Party (Shwebo)	1st Dec. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	7th Aug. 1894	.....	...
<i>Privilege leave for 3 months, from 6th May 1896.</i>				

Wilson, William Alexander.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Rangoon	Extra Asst. Supdt., 1st grade, attached to No. 20 Party (Burma)	18th Aug. 1892	.....	...
Ditto	Ditto, 2nd grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, 1st grade, ditto	18th Dec. 1893	.....	...
<i>Privilege leave for 3 months, from 13th August 1894.</i>				
<i>Privilege leave for 1 month and 15 days, from 17th April to 31st May 1896.</i>				

Wyatt, Alexander George.—Joined the service, 18th August 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Held non-gazetted appointments prior to 18th August 1892.</i>				
Calcutta	Extra Asst. Supdt., 2nd grade, attached to Head-quarters Office	18th Aug. 1892	.....	...
Ditto	Ditto, 1st grade, ditto	8th Nov. 1892	.....	...
Ditto	Ditto, 2nd grade, ditto	23rd May 1893	.....	...
Ditto	Ditto ditto ditto	...	Head Draftsman, Head-quarters Office	15th July 1893.
Ditto	Ditto ditto ditto	15th Oct. 1893	.....	...
<i>Privilege leave for 2 months and 16 days, from 6th August 1894.</i>				
Poona	Extra Asst. Supdt., 2nd grade, attached to No. 10 Party (Bombay)	25th Oct. 1894	.....	...
Karachi	Extra Asst. Supdt., 2nd grade.	...	In temporary charge Indus Riverain Detachment	12th Oct. 1895.
Ditto	Ditto ditto, attached to No. 12 Party (Sind)	1st Nov. 1895	.....	...
Ditto	Ditto ditto ditto	...	In temporary charge No. 12 Party (Sind)	24th June 1896.

