

LIST OF OFFICERS
OF
THE SURVEY OF INDIA DEPARTMENT

CORRECTED TO

1st JULY 1897.



CALCUTTA :
OFFICE OF THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA.
1897.

CALCUTTA :
GOVERNMENT OF INDIA CENTRAL PRINTING OFFICE,
8, HASTINGS STREET.

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Classified List of Officers of the Imperial Service, Survey of India Department, as it stood on 1st July 1897.

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 appointment to the present grade or post.	Period of service counting towards pension on 1st July 1897.	No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
IMPERIAL SERVICE.														
Surveyor-General.														
1	1	...	Major-Genl. Charles Strahan, B.S.	Topogl.	. . . . .	6 5 43	Sep. 26, 1863	Mar. 26, 1895	...	...	3,000 0 0	. . . . .	. . . . .
Deputy Surveyor-General.														
1	1	...	Col. John Edward Sandeman, I.S.C.	Rev. . . .	PH.	2 9 43	Oct. 6, 1862	Mar. 26, 1895	...	...	. . . . .	. . . . .	. . . . .	Furlough for 1 year and 125 days, from 1st May 1897.
		...	Lt.-Col. James Ramsay Hobday, I.S.C. (Offg.)	. . . . .	. . . . .	. . . . .	. . . . .	April 19, 1897	...	...	1,740 0 0	. . . . .	. . . . .
Superintendent, Trigonometrical Surveys.														
1	1	...	Lt.-Col. St. George Corbet Gore, B.S.	. . . . .	. . . . .	. . . . .	. . . . .	May 1, 1894	...	...	1,600 0 0	(a) Local, R200 .	. . . . .
Assistant Surveyor-Generals.														
3	3	1	Lt.-Col. James Ramsay Hobday, I.S.C.	. . . . .	. . . . .	. . . . .	. . . . .	Feb. 4, 1897	...	1	. . . . .	. . . . .	. . . . .	Officiating Deputy Surveyor General.
		...	Major Francis Bacon Longe, B.S. (Offg.)	. . . . .	. . . . .	. . . . .	. . . . .	Apl. 30, 1897	...	...	1,482 10 0	(b) Presidency, R60	. . . . .	In charge, Surveyor-General's and Mathematical Instrument Offices, Head-Quarters, Calcutta.
		2	Thomas Archdale Pope	. . . . .	. . . . .	. . . . .	. . . . .	June 10, 1897	...	2	1,300 0 0	(b) Presidency, R60	. . . . .	In charge, Lithographic and Photographic Office, Head-Quarters, Calcutta.
		3	Alfred Edward Spring	. . . . .	. . . . .	. . . . .	. . . . .	Jan. 22, 1897	...	3	1,000 0 0	(b) Presidency, R60	. . . . .	In charge, Engraving and Drawing Offices, Head-Quarters, Calcutta.
Superintendents.														
1ST GRADE. Salary R1,600.														
3	3	1	*Col. Sir Thomas Hungerford Holdich, K.C.I.E., C.B., B.S.	Topogl.	LS.	16 2 43	July 23, 1866	Apl. 2, 1891	...	1	1,600 0 0	. . . . .	In charge, No. 15 (Baluchistan) and Drawing Office, Simla.	
		2	Edwin Clifford Barrett	Rev.	HS.	14 4 43	Dec. 30, 1868	Feb. 4, 1897	...	2	. . . . .	. . . . .	. . . . .	Joined the Junior Division, 16th November 1893. Furlough for 6 months, from 2nd May 1897.
		3	*Col. Robert Gosset Woodthorpe, C.B., B.S.	Topogl.	LS.	23 9 44	July 14, 1871	June 10, 1897	...	3	. . . . .	. . . . .	. . . . .	Furlough for 2 years, from 16th September 1895.
2ND GRADE. Salary R1,300.														
6	7	1	Edwin James Jackson	Rev.	HS.	6 11 44	Nov 5, 1868	Mar. 26, 1895	...	1	1,600 0 0	. . . . .	In charge, No. 9 (Madras).	Joined the Junior Division, 26th September 1894. Officiating Superintendent, 1st Grade.
		2	*Lt.-Col. St. George Corbet Gore, B.S.	G. T. S.	. . . . .	24 2 49	Apl. 11, 1873	Dec. 12, 1895	...	2	. . . . .	. . . . .	Superintendent, Trigonometrical Surveys, Dehra Doo.	Ditto ditto.
		3	Lt.-Col. James Ramsay Hobday, I.S.C.	Topogl.	{ HS.; Collo- quial Bur- mese and LS, Shan.	16 7 50	Sep. 11, 1874	Dec. 25, 1895	...	3	. . . . .	. . . . .	Head-Quarters, Calcutta.	
		4	*Major Francis Bacon Longe, B.S.	†	. . . . .	31 10 56	Mar. 15, 1880	Jan. 21, 1896	...	4	. . . . .	. . . . .	Ditto ditto.	
		5	*Bt.-Lt.-Col. Robert Alexander Wakab, C. I. E., B.S.	†	HS.; HP. Urdu; HS. Persian; HS. Pushtu.	14 4 55	Jan. 8, 1883	Dec. 2, 1896	...	5	. . . . .	. . . . .	. . . . .	Furlough for 1 year, from 26th June 1896, extension for 4 months.
		6	William Henry Reynolds, F.S.S.	†	LS.	20 2 43	Oct. 24, 1890	Feb. 4, 1897	...	6	1,300 0 0	Staff, R100 .	On deputation, Forest Department, as Superintendent, Forest Surveys.	Service in Forest Department, from 1st January 1871 to 23rd October 1890.
7			Capt. Godfrey Beckett Hodgson, I.S.C.	†	HS.	28 10 58	Sep. 12, 1883	June 10, 1897	...	7	1,300 0 0	. . . . .	In charge, No. 12 (Sind)	

‡ 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. 2, dated 27th March 1895.
 (B) Date of re-appointment.
 * Elected for continuous Indian Service.

(a) Secretary of State's Despatch No. 43 (Revenue), dated 10th April 1894.
 (b) Department of Agriculture, Revenue and Commerce memorandum No. 213, dated 14th May 1878.

Classified List of Officers of the Imperial Service, Survey

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 counted towards pension on 1st July 1897.
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IMPERIAL SERVICE—contd.

Deputy Superintendents.

1st GRADE. Salary R1,000.

7	9	1	Capt. Sidney Gerald Burrard, R.E.	†	LS.	12 8 60	Sep. 2, 1884	Jan. 1, 1895	12 1 1
		2	George Batley Scott . . .	Rev.	{ HS. LS. Burmese }	31 7 44	Nov. 10, 1894	Mar. 26, 1895	34 2 0
		3	John Eccles, M.A. . . .	†	. . . .	9 9 57	May 30, 1885	Dec. 12, 1895	12 1 1
		4	Capt. John Murchison Fleming, I.S.C.	†	{ HS. and LS. Persian }	12 8 58	July 3, 1885	Dec. 17, 1895	. . . .
		5	Thomas Archdale Pope . . .	†	Telugu, Tamil.	21 6 58	Oct. 1, 1886	Dec. 25, 1895	10 9 0
		6	Capt. Thomas Francis Bruce Renny-Tailyour, R.E.	†	. . . .	8 6 63	Apr. 1, 1888	Jan. 21, 1896	. . . .
		7	Bl.-Major William John Bythell, R.E..	†	LS.	9 9 62	May 29, 1889	Jan. 1, 1897	. . . .
		8	Capt. Gerald Ponsonby Lenox-Conyngham, R.E.	†	. . . .	21 8 66	July 16, 1889	Feb. 4, 1897	. . . .
		9	Capt. Richmond Trevor Crichton, I.S.C.	†	HS.	8 3 65	Dec. 16, 1889	June 10, 1897	. . . .

2nd GRADE. Salary R850.

7	9	1	Edward Ferdinand Litchfield †	†	HS.	23 1 52	Oct. 24, 1890	Dec. 12, 1895	25 5 5
		2	Capt. Philip James Gordon, I.S.C.	†	HS.	2 6 59	Nov. 10, 1890	Dec. 17, 1895	. . . .
		3	Bryan Gardiner Gilbert-Cooper	†	{ HS. Sindhi, HS. Marathi }	24 6 57	Feb. 19, 1891	Dec. 25, 1895	4 2 2
		4	Claude Francis Erskine. . .	†	{ HS. Sindhi, I.S. Marathi }	15 10 55	Feb. 19, 1891	Jan. 21, 1896	6 6 6
		5	Alfred Edward Spring . . .	†	{ HS. Marathi, HS. Sindhi }	4 1 55	Feb. 18, 1891	Jan. 20, 1896	4 6 6
		6	*Capt. James Montague Burn, R.E.	†	LS.	18 12 66	May 17, 1891	Dec. 2, 1896	. . . .
		7	*Capt. Howard Alan Denholm Fraser, R. E.	†	...	19 6 67	Oct. 29, 1891	Feb. 4, 1897	. . . .
		8	*Capt. Charles Henry Dudley Ryder, R.E.	†	HS. and LS. Pushtu.	28 6 68	Nov. 29, 1891	Mar. 1, 1897	. . . .
		9	James Stewart Pemberton . .	Rev.	LS.	8 7 43	Apr. 1, 1892	June 10, 1897	36 8 8

† Applies only to Officers who are under the Unconvenanted 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 1897—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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1	1,440 0 0	(c) Deputation, R100.	In charge, No. 25 (Tidal and Levelling).	Officiating Superintendent, 2nd grade.
2	1,300 0 0	(d) Extra, R100 .	On deputation as Superintendent, Settlement Surveys, N.-W. P.	{ Joined the Junior Division, 1st May 1883. Officiating Superintendent, 2nd grade.
3	. . . .	. . . .	. . . .	Furlough for 8 months, from 20th March 1897.
4	1,300 0 0	. . . .	In charge, No. 2 (N.-W. P. and Oudh.)	Officiating Superintendent, 2nd grade.
5	. . . .	. . . .	Head-Quarters, Calcutta.	Ditto ditto.
6	1,140 0 0	(e) Upper Burma, R100.	In charge, No. 11 (Upper Burma)	
7	1,140 0 0	. . . .	In charge, No. 17 (Bombay Forest).	
8	1,140 0 0	. . . .	In charge, Nos. 22 and 23 (Astronomical), and technical offices of the Trigl. Branch.	
9	1,000 0 0	(f) Local, R100 .	Superintendent of Settlement Surveys in Bengal, and in charge, No. 4 (Bihar).	
1	. . . .	. . . .	On deputation, Forest Department.	{ Service in Forest Department, from 16th October 1876 to 23rd October 1890. Furlough for 9 months, from 24th June 1897.
2	. . . .	. . . .	. . . .	Furlough for 1 year, from 5th June 1897.
3	1,000 0 0	(g) Burma, R150 .	In charge, No. 7 (Lower Burma)	Officiating Deputy Superintendent, 1st grade.
4	1,000 0 0	. . . .	In charge, No. 14 (Central Provinces).	Ditto ditto ditto.
5	. . . .	. . . .	Head-Quarters, Calcutta.	Ditto ditto ditto.
6	1,140 0	(g) Baluchistan, R100.	In charge, No. 21 (Baluchistan).	Ditto ditto ditto.
7	1,140 0 0	. . . .	In charge, No. 19 (Madras)	Ditto ditto ditto.
8	. . . .	. . . .	. . . .	Furlough for 2 years, from 20th March 1897.
9	850 0 0	. . . .	In charge, No. 8 (N.-W. P. and Oudh).	Joined the Junior Division, 6th October 1880.

(c) Department of Revenue and Agriculture, No. 519-91-4, dated 18th September 1894.
 (d) Secretary of State's Despatch No. 27 (Revenue), dated 14th March 1895.
 (e) Department of Finance and Commerce, No. 756, dated 11th February 1889.
 (f) Secretary of State's Despatch No. 86 (Revenue), dated 15th August 1895.
 (g) Financial Resolution, No. 5626, dated 25th October 1889.

Classified List of Officers of the Imperial Service, Burma

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.	Remarks.
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IMPERIAL SERVICE—concl'd.

Assistant Superintendents.

1ST GRADE. Salary R600.

7	10	1	Capt. Arthur James Pilcher, B.E.	†	HS.	27 8 66	July 16, 1892	Dec. 12, 1895	
		2	Lieut. Charles William Herbert Symonds, I.S.C.	†	HS.	5 9 65	Sep. 28, 1892	Dec. 17, 1895	
		3	George William Elliot Atkinson.	G. T. S.	. . . .	11 10 43	Nov. 8, 1892	Dec. 25, 1895	37
		4	Capt. Charles Lonsdale Robertson, B.E.	†	LS.	13 2 67	May 3, 1894	Jan. 21, 1896	
		5	*Lieut. William Menzies Coldstream, B.E.	†	LS. and HS. Pushtu.	19 2 69	Nov. 25, 1894	Jan. 23, 1896	
		6	Transferred to the Provincial Service.						
		7	Ditto ditto						
		8	Ditto ditto						
		9	Lieut. Francis William Pirrie, I.S.C.	†	HS. and LS. Pushtu.	23 8 67	June 11, 1895	Mar. 1, 1897	
		10	Lieut. Humphrey John Hare, B.E.	†	. . . .	16 2 69	Jan. 8, 1897	June 10 1897	

2ND GRADE. Salary R600.

8	10	1	Lieut. Arthur Henry Blise Hume, B.E.	†	LS. and Parvatya.	19 2 68	Jan. 24, 1897	. . . . .
		2	Lieut. Horaco Harrison Turner, B.E.	†	. . . .	13 8 67	Apl. 22, 1897	. . . . .
		3	Vacant						
		4	Ditto						
		5	Ditto						
		6	Ditto						
		7	Ditto						
		8	Ditto						

† Applies only to Officers who are under the Uncovenanted 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 1897—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. p.

1	940 0 0	(e) Upper Burma, R100.	In charge, Nos. 10 and 21 (Upper Burma).	Officiating Deputy Superintendent, 2nd grade.
2	800 0 0	. . . . .	No. 4 (Bihar)	Ditto ditto, ditto,
3	800 0 0	. . . . .	Drawing Office, Simla	Joined the Junior Division, 1st August 1896. Officiating Deputy Superintendent, 2nd grade.
4	940 0 0	. . . . .	In charge, No. 18 (Himalaya)	Ditto ditto, ditto.
5	870 0 0	(e) Upper Burma, R100.	No. 11 (Upper Burma)	Ditto ditto, ditto,
6	. . . . .	. . . . .	. . . . .
7	. . . . .	. . . . .	. . . . .
8	. . . . .	. . . . .	. . . . .
9	800 0 0	(g) Baluchistan, R100.	No. 15 (Baluchistan)	Officiating Deputy Superintendent, 2nd grade.
10	670 0 0	{ (e) Burma R100 } { (h) Charge R100 }	In charge, No. 20 (Burma)	

1	570 0 0	. . . . .	No. 19 (Madras)	
2	570 0 0	. . . . .	Computing, Dehra Dun	
3	. . . . .	. . . . .	. . . . .
4	. . . . .	. . . . .	. . . . .
5	. . . . .	. . . . .	. . . . .
6	. . . . .	. . . . .	. . . . .
7	. . . . .	. . . . .	. . . . .
8	. . . . .	. . . . .	. . . . .

(e) Department of Finance and Commerce No. 756, dated 11th February 1899.
 (g) Financial Resolution No. 5936, dated 25th October 1898.
 (h) Department of Agriculture, Revenue and Commerce memorandum No. 791, dated 31st October 1875.

Classified List of Officers of the Provincial Service, Sur

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.	Pay of pay commencing on 1st July 1897.
PROVINCIAL SERVICE.									
Extra Deputy Superintendents.									
1st GRADE. Salary R800.									
1		1	Vacant						
2		2	Ditto						
2nd GRADE. Salary R650.									
3		1	Vacant						
2		2	Ditto						
3		3	Ditto						
Extra Assistant Superintendents.									
1st GRADE. Salary R650.									
3	3	1	George Patrick Belcham, (Supernumerary).	G. T. S.	HS.	14 2 45	Nov. 1, 1862	Apl. 1, 1896	34 8 0
3	Sup.	2	Lovell Jeremiah Pocock (Supernumerary).	G. T. S.	HS.	26 9 43	July 10, 1863	Apl. 1, 1896	33 8 7
		3	Thomas Ernest McMahon Claudius (Supernumerary).	Topogl.		1 6 46	Aug. 1, 1863	Feb. 4, 1897	31 1 0
		4	Alfred John Wilson	Topogl.	LS.	1 9 42	Oct. 1, 1860	May 23, 1893	34 6 0
		5	William Alexander Wilson	Rev.	LS.	3 6 43	Jan. 1, 1861	Dec. 18, 1893	33 0 0
		6	William Samuel Buttress.	Rev.		19 2 44	Oct. 1, 1860	Dec. 2, 1896	36 10 0
2nd GRADE. Salary R500.									
6	5	1	Henry William Pechers	G. T. S.		13 12 42	Apl. 8, 1862	Nov. 25, 1893	34 8 0
		2	Henry Dowman	Rev.		11 6 46	Oct. 16, 1862	Nov. 26, 1895	34 8 0
		3	Alexander George Wyatt.	Topogl.		25 2 45	Nov. 1, 1861	May 23, 1893	32 4 0
		4	Edwin George Little	Rev.	ES. Burmese.	11 10 45	Nov. 5, 1862	Apl. 1, 1896	31 8 0
		5	Henry Townsend Hanby	Rev.	LS.	20 10 45	Nov. 13, 1862	Dec. 2, 1896	34 5 0
		6	Albert Douglas Lincoln Christie	G. T. S.	HS. LS. Marathi.	29 9 45	Aug. 7, 1863	Jan. 1, 1897	31 9 0
3rd GRADE. Salary R450.									
8	7	1	Walter Casperz Price	G. T. S.		23 6 46	Nov. 1, 1863	Dec. 18, 1893	31 0 0
		2	Charles Henry McA'Fee	G. T. S.	LS.	14 11 49	Sep. 6, 1864	Nov. 26, 1895	27 6 0
		3	Charles Fredrick Hamer	Topogl.		6 10 46	Aug. 3, 1863	Apl. 1, 1896	30 10 0
		...	James Hoppner O'Donel	Rev.		10 7 45	Oct. 1, 1863	June 8, 1896	31 11 0
		4	William Stotesbury	Topogl.	{ HS., LS., Canarese. }	26 7 47	Oct. 4, 1864	Oct. 13, 1896	29 11 0
		5	Alfred John James	Topogl.	LS.	19 11 46	June 15, 1864	Oct. 13, 1896	30 7 0
		6	Thomas Henry Bendell	G. T. S.		23 7 44	Oct. 11, 1864	Dec. 12, 1896	32 7 0
		7	Charles Edward Tapsell	Topogl.	LS.	14 11 44	Aug. 12, 1864	Jan. 1, 1897	32 7 0
			Robert Boddington Smart	Rev.	LS.	28 6 47	Jan. 1, 1865	Feb. 4, 1897	30 0 0

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

of India Department, as it stood on 1st July 1897.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
R a. p.				
1				To be filled under re-organisation scheme.
2				Ditto ditto.
1				Ditto ditto.
2				Ditto ditto.
3				Ditto ditto.
1	550 0 0	(a) Deputation Rs 50 (j) Personal 50	No. 25 (Tidal and Levelling).	Service reckoned under old rules.
2	550 0 0	(b) Presidency 100 (j) Personal 50	Head-Quarters, Calcutta.	Exclusive of 89 days sick leave.
3	550 0 0	(d) Baluchistan 80 (j) Personal 50	No. 15 (Baluchistan).	
4	650 0 0	(c) Upper Burma, R80.	No. 21 (Upper Burma)	Apprentice Draftsman from 1st January 1880 Furlough in India for 6 months, from 30th October 1891. Recalled to duty, 18th February 1892.
5	550 0 0	(d) Burma, R50	No. 20 (Burma)	Furlough for 1 year, from 24th March 1899.
6	550 0 0		No. 2 (N.-W. P. and Oudh)	Copyist from 1st to 30th September 1860.
1	500 0 0	(e) Dehra, R50	Computing, Dehra Dun.	
2	500 0 0		No. 2 (N. W. P. and Oudh)	Absent without leave 3 days, sick leave 2 days in October, 4 days in December 1865, and 6 days in December 1866.
3	500 0 0		No. 9 (Madras)	Inclusive of furlough out of India, from 11th November 1883 to 6th November 1884, under suspension from 3rd to 7th November 1896.
4	500 0 0	{ (c) Upper Burma, R80 (f) Charge, R100 }	In temporary, charge No. 3 (Upper Burma).	Apprentice from 1st January 1860. Exclusive of 5 years 10 months and 10 days service under 20 years of age.
5				Furlough in India for 1 year, from 1st May 1897.
6	500 0 0		Computing, Dehra Dun	Exclusive of furlough in India, from 10th November 1896 to 16th May 1897.
1	450 0 0	(d) Burma, R50	No. 7 (Lower Burma).	
2	450 0 0		Drawing Office, Dehra Dun	Passed the Poona C. E. College examination in 1864. Sick leave for 1 month, from 30th December 1892.
3	450 0 0		No. 19 (Madras).	
...			On deputation, Assam.	
4	600 0 0		Chief Draftsman, (sub-pro tem). Head-Quarters, Calcutta.	
5	450 0 0	(c) Upper Burma, R80	No. 21 (Upper Burma).	
6	450 0 0	(g) Presidency R30	Head-Quarters, Calcutta.	
7	450 0 0		No. 17 (Bombay Forests).	
8	450 0 0		No. 8 (N.-W. P. and Oudh).	Apprentice from 1st January 1864.

(a) Department of Revenue and Agriculture No. 619/61-4, dated 18th September 1884.

(b) Department of Revenue and Agriculture No. 130/65-2, 5 dated 7th June 1867.

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

(d) Financial Resolution No. 5828, dated 25th October 1898.

(e) Financial Resolution No. 3998, dated 22nd December 1864, and No. 2579, dated 30th November 1871.

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

(g) Financial Resolution No. 704; dated 23rd February 1866.

(i) Department of Revenue and Agricultural No. 3/127.4, dated 6th March 1897.

Classified List of Officers of the Provincial Service, Burma

No. under new 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.	Part of year completing tenure of office on 1st July 1897.
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Y. M.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

4TH GRADE. Salary R400.

13	10	1	Hugh Todd	G. T. S.	. . . . .	16 8 47	July 15, 1865	May 23, 1893	29 9
		2	Edwin Joscelyn Connor	G. T. S.	LS.	18 8 48	Mar. 1, 1865	May 23, 1893	28 1
		3	James Connor	Rev.	. . . . .	27 8 7	Feb. 15, 1865	Dec. 18, 1893	28 9
		...	Thomas Henry Dunne	Rev.	LS.	25 12 49	Feb. 15, 1865	July 6, 1894	27 5
		4	James Bond	G. T. S.	. . . . .	6 1 50	Oct. 18, 1866	July 6, 1894	27 5
		5	Clemons Defries Potter	G. T. S.	LS.	19 8 45	Oct. 29, 1866	Mar. 27, 1895	30 7
		6	Edwin Alfred Wainright	Topogl.	. . . . .	8 6 48	May 1, 1866	Mar. 27, 1895	29 7
		7	James Alexander Barker	Topogl.	. . . . .	13 4 46	Sep. 18, 1865	Nov. 26, 1895	31 2
		8	Richard Cunningham Dundee Ewing	Rev.	HS.	10 6 48	June 9, 1866	June 8, 1896	27 11
		9	Walter John Cornelius	Topogl.	LS.	31 3 49	Aug. 15, 1866	Oct. 13, 1896	28 3
		10	Robert Todd	Topogl.	. . . . .	12 7 45	Nov. 1, 1863	Dec. 12, 1897	31 11
		11	George William Jarbo	Rev.	LS.	15 9 47	Nov. 1, 1866	Jan. 1, 1897	29 9
		12	Vacant . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
		13	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

5TH GRADE. Salary R860.

15	15	1	Patrick John William Doran	Topogl.	LS.	5 5 49	Feb. 1, 1867	May 23, 1893	28 1
		...	James Reid Scott	Rev.	LS.	5 3 49	Jan. 19, 1867	May 23, 1893	28 1
		...	John McHutton	Rev.	LS.	17 7 49	July 1, 1867	May 23, 1893	28 11

India Department, as it stood on 1st July 1897—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
				R. a. p.
1	400 0 0	. . . . .	No. 19 (Madras)	Exclusive of 30 days sick leave from 2nd November 1868.
2	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, 1876.
3	400 0 0	(c) Upper Burma, R80.	No. 3 (Upper Burma).	
...	. . . . .	. . . . .	On deputation, Egypt	Absent without leave 1 day, and sick leave 10 days in October 1865.
4	400 0 0	. . . . .	No. 25 (Tidal and Levelling)	Exclusive of 20 days sick leave in February 1875.
5	400 0 0	. . . . .	No. 18 (Himalaya)	Exclusive of 33 days sick leave. Obtained a Civil Engineer's certificate at the Madras C. E. College in 1866.
6	400 0 0	(d) Baluchistan, R80 .	No. 15 (Baluchistan)	
7	400 0 0	(g) Presidency, R30 .	Head-Quarters, Calcutta	Exclusive of sick leave from 16th to 25th May 1893.
8	400 0 0	. . . . .	No. 12 (Sind)	Furlough from 17th September 1865 to 11th September 1867.
9	400 0	(h) Simla, R25 .	Drawing Office, Simla.	
10	400 0 0	. . . . .	No. 19 (Madras)	Under suspension from 11th May to 6th June 1893.
11	400 0 0	(d) Burma, R50	No. 7 (Lower Burma)	Apprentice Draftsman from 9th April 1866.
12	. . . . .	. . . . .	. . . . .
13	. . . . .	. . . . .	. . . . .
1	350 0 0	(c) Upper Burma, R80.	No. 11 (Upper Burma)	Apprentice from 18th December 1866. Sick leave for 15 days from 26th May to 9th June 1869.
...	. . . . .	. . . . .	On deputation, Central Provinces.	
...	450 0 0	. . . . .	Head Draftsman, Head-Quarters, Calcutta.	Furlough for 1 year, from 1st January 1879.

(c) Department of Finance and Commerce No. 766, dated 11th February 1889.

(d) Financial Resolution No. 5826, dated 26th October 1898.

(g) Financial Resolution No. 704, dated 22nd February 1866.

(h) Revenue and Agricultural Department No. 1339, dated 1st November 1890.

Classified List of Officers of the Provincial Services, Survey

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 counted towards pension on 1st July 1897
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Y. M.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

5TH GRADE. Salary Rs50—concl'd.

2	John Hickie	G. T. S.	LS.	13 1 49	Apl. 29, 1866	May 23, 1893	27 11 10
3	Geoffrey D'Estival Cusson	G. T. S.	LS.	23 9 46	May 8, 1868	July 6, 1893	29 1 10
4	George Carleton Swiney	Rev.	. . . . .	27 6 49	Sep. 17, 1868	Dec. 18, 1893	28 0 0
5	John Sidney Swiney	Rev.	. . . . .	19 12 50	Jan. 5, 1869	Dec. 18, 1893	26 6 10
...	Charles Patten Torrens	G. T. S.	. . . . .	19 6 51	Dec. 12, 1868	July 6, 1894	25 6 10
6	William Robert	Topogl.	. . . . .	27 2 51	Aug. 21, 1869	July 6, 1894	26 4 10
7	Charles Walker Wilson	Rev.	LS., E.S. Burmese.	9 11 45	June 21, 1867A	Aug. 7, 1894	29 3 10
8	George Edwin Parker	Rev.	Hindi	18 2 50	Nov. 18, 1870	Mar. 27, 1895	26 7 10
9	George Thomas Hall	G. T. S.	LS.	3 12 51	Nov. 22, 1872	Mar. 27, 1895	24 7 10
10	George Gerard Vander-Beeck	Topogl.	LS.	16 9 49	July 1, 1872	Mar. 27, 1895	26 8 10
11	William Henry Ponrose	Rev.	LS.	6 10 51	Aug. 11, 1869	Nov. 26, 1895	25 1 10
12	Arthur William Smart	Rev.	. . . . .	27 2 51	Dec. 1, 1871	June 8, 1896	25 4 10
...	Thomas Shaw	Rev.	LS.	15 11 52	Apl. 21, 1869	Oct. 13, 1896	24 7 10
13	George Campbell	Rev.	. . . . .	13 7 48	Mar. 1, 1871	Dec. 12, 1896	27 5 10
14	John Murphy	Rev.	. . . . .	12 7 52	Nov. 1, 1871	Jan. 1, 1897	24 11 10
15	William Mathew Kelly	Rev.	LS.	6 8 54	Oct. 1, 1872	Feb. 5, 1897	22 10 10

6TH GRADE. Salary Rs80.

30	20	1	William Cyclone Groome Bar- okley.	Topogl.	. . . . .	22 10 51	Dec. 1, 1871	May 23, 1893	25 0 0
		2	Elliot Playfair Smyth Hill*	Rev.	HS., I.S. Persian.	14 7 55	Nov. 16, 1872	May 23, 1893	21 11 10
		3	Richard Randall Dickinson	Rev.	LS.	25 7 52	Apl. 16, 1873	May 23, 1893	25 3 0
		4	George Arthur Knight	Topogl.	. . . . .	22 4 54	Aug. 11, 1873	May 23, 1893	23 0 10
		5	William Augustus Fielding	G. T. S.	LS.	17 5 48	May 1, 1868	May 23, 1893	29 1 10

(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 1897—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.

2	350 0 0	(d) Baluchistan, R80	No. 21 (Baluchistan)	Exclusive of 6 months' sick leave from 1st March 1873.
3	350 0 0	(c) Upper Burma, R80.	No. 10 (Upper Burma)	Inclusive of furlough out of India for 364 days, from 1st November 1879.
4	350 0 0	(c) Upper Burma, R80	No. 3 (Upper Burma).	
5	350 0 0	(d) Burma, R50.	No. 7 (Lower Burma).	
...	. . . . .	. . . . .	On deputation, Burma	Exclusive of 2 days, overstayed privilege leave.
6	350 0 0	. . . . .	No. 18 (Himalaya).	
7	350 0 0	(c) 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. Leave on private affairs for 2 months and 10 days from 23rd March 1897.
8	350 0 0	(g) Presidency, R30	Head-Quarters, Calcutta	Passed the Poona C. E. Examination in 1864. Passed in Hindi as notified in the C. P. Gazette of 26th January 1869.
9	350 0 0	(c) Upper Burma, R80.	No. 10 (Upper Burma).	
10	350 0 0	. . . . .	No. 12 (Sind)	Apprentice Draftsman from 11th October 1870.
11	350 0 0	{ (d) Assam R50 : (e) Charge, R100 }	In temporary charge No. 6 (Assam).	Medical leave from 22nd October to 28th November 1883, and from 3rd August 1886 to 2nd February 1897, excluded.
12	350 0 0	(i) Settlement, R50	No. 4 (Bihar)	Sick leave for 3 months from 8th July 1880.
...	400 0 0	. . . . .	Draftsman, Head-Quarters, Calcutta.	
13	350 0 0	(g) 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 15th September 1891.
14	350 0 0	. . . . .	No. 8 (N.-W. P. and Oudh)	Office Assistant from 22nd November 1866.
15	350 0 0	(c) Upper Burma, R80.	No. 11 (Upper Burma)	Inclusive of service in the Forest Department from 1st November 1877 to 30th September 1876.

1	300 0 0	. . . . .	No. 9 (Madras)	Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1876. Suspended from office from 16th to 18th May 1893.
2	300 0 0	(g) Presidency, R30	Head-Quarters, Calcutta.	
3	300 0 0	(h) Simla, R25	Drawing Office, Simla	Apprentice from 1st April 1872.
4	300 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan)	Medical leave from 12th May to 7th July 1892.
5	300 0 0	. . . . .	No. 18 (Himalaya)	Inclusive of service in the Bombay Secretariat, from 1st April 1886 to 30th September 1887.

(c) Department of Finance and Commerce No. 756, dated 11th February 1889.
 (d) Financial Resolution No. 5820, dated 25th October 1886.
 (f) Secretary of State's Despatch No. 121, dated 7th May 1885.
 (g) Financial Resolution No. 704, dated 22nd February 1886.
 (h) Revenue and Agricultural Department No. 1339, dated 1st November 1890.
 (i) Secretary of State's Despatch No. 75 (Revenue), dated 15th August 1880.

Classified List of Officers of the Provincial Service, Surinam

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 counted towards pension on 1st July 1897.
PROVINCIAL SERVICE—contd.									
Sub-Assistant Superintendents—contd.									
1ST GRADE. Salary R200 rising to R250—concl'd.									
...			Oswald David Smart . . . . .	†	. . . .	16 9 57	Oct. 1, 1881	Mar. 1, 1891	15 0
3			Arthur Ewing . . . . .	†	. . . .	30 4 82	Nov. 16, 1881	Apl. 1, 1891	15 0
5			Michael Gastand . . . . .	†	. . . .	8 3 62	May 1, 1882	Apl. 25, 1891	15 4
...			P. Beechey	†	I.S. & HS. Burmese.	18 7 61	Dec. 1, 1882	May 13, 1891	14 7
5			Ernest Fitz-Hardinge Berkeley	†	LS.	21 10 64	Sep. 1, 1883	Jan. 5, 1892	12 8
6			Joshua Paul Barker . . . . .	†	. . . .	21 8 65	Dec. 23, 1883	Nov. 1, 1893	11 10
...			Nolan Bedford . . . . .	†	. . . .	16 7 61	Jan. 10, 1884	Nov. 15, 1893	13 6
7			Benjamin Robert Hughes	†	I.S. & LS. Burmese.	13 6 66	Oct. 15, 1883	July 6, 1894	11 0
8			Alexander Descubes	Forest Survey.	. . . .	17 7 54	Dec. 5, 1889	Jan. 26, 1895	10 8
9			Philip Joseph Serrao	†	LS. Burmese.	3 7 61	Apl. 24, 1884	Mar. 27, 1895	13 2
10			Joseph Smith . . . . .	†	. . . .	14 9 63	Aug. 1, 1884	Mar. 27, 1895	12 1
...			William Edmund Johnson	†	ES. Burmese.	14 9 61	Aug. 18, 1884	Mar. 27, 1895	12 10
...			William Skilling	†	LS.	26 4 67	Nov. 24, 1884	Apl. 27, 1895	10 8
...			Aylmer Boddington Smart . . . . .	†	. . . .	27 9 65	Feb. 25, 1885	Apl. 27, 1895	11 4
11			Charles Graham Lee . . . . .	†	. . . .	23 8 66	Mar. 1, 1886	May 3, 1895	10 10
12			Frederick Samuel Bell . . . . .	†	. . . .	28 9 64	Sep. 24, 1886	Oct. 15, 1895	10 9
13			Felix Patrick Walsh . . . . .	†	. . . .	20 11 66	Mar. 4, 1886	Oct. 25, 1895	10 7
14			Frank Burgess Powell	†	ES. LS. Burmese.	11 8 64	Sep. 23, 1886	Oct. 27, 1895	10 0
15			Yusaf Sharif, Khan Bahadur . . . . .	†	. . . .	18 12 46	Dec. 1, 1886	Nov. 12, 1895	30 7
16			Rai Hira Singh Bahadur . . . . .	†	. . . .	1 9 51	Mar. 12, 1887	Nov. 28, 1895	29 4
17			Thomas Walter Babonau (Jr.).	†	I.S. & ES. Burmese.	10 7 66	Jan. 15, 1884	June 8, 1896	9 10
...			John A. T. Haddock	†	I.S. ES. Burmese.	16 10 63	Nov. 26, 1887	Oct. 13, 1896	9 7
18			William John Baker	†	ES. Burmese	18 8 66	Jan. 25, 1888	Oct. 13, 1896	8 7
...			Charles George Stotesbury Wood	†	LS.	1 7 68	Aug. 2, 1884	Jan. 1, 1897	9 0
19			Cecil Stephen Gasper . . . . .	†	. . . .	11 8 68	Mar. 2, 1888	Jan. 1, 1897	8 10
20			Clarence Henry Godwin Johnson . . . . .	†	. . . .	14 6 69	Nov. 13, 1888	Feb. 5, 1897	8 0
21			Henry George Shaw . . . . .	. . . .	. . . .	21 2 62	Jan. 1, 1889	Mar. 1, 1897	14 0
22			William Frederic Edward Adams . . . . .	. . . .	. . . .	12 6 68	Aug. 26, 1889	Mar. 21, 1897	7 10

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

India Department, as it stood on 1st July 1897—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 from 21st December 1894 to 1st September 1895.
3	250 0 0	(d) Burma, R50	No. 20 (Burma).	
4	250 0 0	(d) Burma, R50	No. 7 (Lower Burma)	Apprentice Draftsman from 3rd January 1882.
...			On deputation, Burma.	
5	240 0 0	(c) Charge, R50	In charge, Noakhally Detachment.	Office Assistant from 1st May 1891.
6	250 0 0	. . . . .	No. 25 (Tidal and Levelling).	
...			On deputation, N.-W. Provinces.	
7	240 0 0	. . . . .	No. 14 (Central Provinces).	
8	220 0 0	. . . . .	On deputation, Forest Dept.	Includes previous service in Forest Department, from 18th January 1887.
9	240 0 0	(c) Upper Burma, R80	No. 10 (Upper Burma).	
10	220 0 0	. . . . .	No. 12 (Sind)	{ Office assistant, from 16th November 1893. Furlough from 15th May 1894 to 6th March 1895.
...			On deputation, Burma.	
...			On deputation, N.-W. Provinces	
...	300 0 0	. . . . .	Draftsman, Head-Quarters, Calcutta.	Medical leave of 4 months from 4th October 1895.
11	220 0 0	. . . . .	No. 2 (N.-W. P. and Oudh)	Previous temporary service in the Cadastral Establishment, from 1st December 1883 to 28th February 1886.
12	210 0 0	(c) Assam, R40	No. 6 (Assam).	
13	210 0 0	. . . . .	No. 12 (Sind).	
14	. . . . .	. . . . .	On deputation, N.-W. Provinces.	
15	210 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan)	Joined as Sub-Surveyor, 16th June 1887.
16	210 0 0	(d) 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 1880. Extraordinary leave from 9th April to 21st November 1889. Leave to Europe on private affairs, from 30th June to 20th December 1892.
17	240 0 0	(d) Burma, R50	No. 7 (Lower Burma)	
...			On deputation, Burma.	
18	200 0 0	(c) Upper Burma, R80	No. 3 (Upper Burma).	
...			On deputation, Burma.	Leave without allowance, from 12th May 1896 to 11th January 1899.
19	200 0 0	. . . . .	No. 4 (Bihar).	
20	. . . . .	. . . . .	On deputation (N.-W. Provinces).	
21	200 0 0	(c) Upper Burma, R80	No. 11 (Upper Burma)	Includes previous service in the Meteorological Department, from 1st January 1883.
22	200 0 0	(c) Upper Burma, R80	No. 21 (Upper Burma).	

(c) Department of Finance and Commerce No. 766, dated 11th February 1890.
 (d) Financial Resolution No. 5826, dated 25th October 1898.

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 1897.
24	24	1	Francis Edward Warde . . . . .	†	. . . . .	7 9 51	Nov. 13, 1884A	Oct. 1, 1889	11 4 4
		2	Henry Arthur Charrier	†	LS. ES. Burmese.	22 10 64	Apl. 21, 1884	Mar. 1, 1891	12 0 2
		3	Joseph Horrocks Murphy . . . . .	†	. . . . .	26 7 69	Nov. 1, 1887	May 13, 1891	6 11 6
		4	Sarat Chunder Sen, L.M. . . . .	†	. . . . .	Nov. 1865	Aug. 26, 1889	Nov. 1, 1893	7 8 4
		5	John Henry Nichol	Forest Survey.	. . . . .	9 4 67	Dec. 12, 1889	Nov. 25, 1893	8 6 14
		6	George Rae . . . . .	†	. . . . .	23 11 70	Nov. 19, 1890	Apl. 1, 1894	6 7 8
		7	Imam Sharif, Khan Bahadur . . . . .	†	. . . . .	7 4 49	May 6, 1891	July 6, 1894	25 6 0
		8	Charles Litchfield	Forest Survey.	. . . . .	24 1 66	Jan. 10, 1892	Nov. 1, 1894	8 7 11
		...	H. W. Biggs	†	ES. Burmese	9 12 71	Nov. 21, 1891	Mar. 27, 1895	5 6 20
		9	Aulad Hossein . . . . .	†	. . . . .	0 12 68	Nov. 13, 1891	Mar. 27, 1895	5 7 14
		10	Bahmatulla . . . . .	†	. . . . .	28 9 60	Nov. 13, 1891	Mar. 27, 1895	10 9 6
		11	Joseph Oscar Greiff	†	LS.	2 8 72	Nov. 13, 1891	Mar. 27, 1895	5 0 0
		12	Nilmoni Chatterjee . . . . .	†	. . . . .	17 11 70	Nov. 23, 1891	Apl. 27, 1895	5 5 1
		...	Harry Burgess Powell	†	ES. and LS. Burmese.	2 6 70	Nov. 22, 1891	May 3, 1895	5 7 0
		13	John Alarie Freeman . . . . .	†	. . . . .	24 7 70	Nov. 23, 1891	Oct. 15, 1895	5 7 0
		14	Osmond Charles Ollenbach	†	LS. Burmese	3 4 67	Nov. 23, 1891	Oct. 25, 1895	5 7 0
		15	Herbert Henry Bladen Hanby . . . . .	†	. . . . .	21 6 72	Nov. 25, 1891	Nov. 12, 1895	5 1 13
		16	Percival Kenneth Vaughan . . . . .	†	. . . . .	14 2 70	Nov. 23, 1891	Nov. 16, 1895	5 7 0
		17	Walter Newland	†	LS. Burmese	28 4 76	Sept. 11, 1893	Nov. 26, 1895	1 2 1
		18	William Michael Gorman . . . . .	†	. . . . .	28 7 73	Sept. 19, 1893	Apl. 8, 1896	3 9 10
		19	Patrick Williams . . . . .	†	. . . . .	18 3 71	Sept. 16, 1893	Oct. 13, 1896	3 9 10
		20	Amar Singh	†	ES. and LS. Burmese.	1 1 63	Sept. 18, 1893	June 8, 1896	12 8 6
		21	John Henry Stanhope Wilson . . . . .	†	. . . . .	10 1 71	Sept. 4, 1893	Jan. 1, 1897	3 8 27
		22	Michael Joseph Sheehan . . . . .	†	. . . . .	20 1 75	Oct. 30, 1895	Mar. 1, 1897	1 6 5
		23	Malcolm Campbell Petters . . . . .	†	. . . . .	27 12 73	Nov. 1, 1895	Feb. 5, 1897	1 8 0
		24	Alexander Henry Psychers . . . . .	†	. . . . .	26 8 75	Oct. 15, 1895	Mar. 21, 1897	1 8 17

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

India Department, as it stood on 1st July 1897—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
	R	a		
1	160 0 0	(h) 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, and 8 days from 3rd to 10th August 1896.
2	176 0 0	(d) Barmā, R50	No. 20 (Burma)	Leave without pay from 2nd to 13th February 1889. Leave on medical certificate 3 months, from 24th May 1890.
3	192 0 0	(d) Burma, R50	No. 7 (Lower Burma)	Medical leave for 1 month, from 18th Apl. 1890.
4	184 0 0	. . . . .	No. 12 (Sind)	Medical leave from 19th November 1894 to 17th January 1895.
5	192 0 0	. . . . .	On deputation, Forest Department.	Includes previous service in Forest Department, from 16th December 1896.
6	192 0 0	. . . . .	No. 8 (N.-W. P. and Oudh).	
7	192 0 0	. . . . .	On deputation, Zanzibar	Joined as Sub-Surveyor, 1st September 1871.
8	192 0 0	. . . . .	On deputation, Forest Department.	Includes previous service in Forest Department, from 14th November 1889.
...	. . . . .	. . . . .	On deputation, Burma.	
9	168 0 0	. . . . .	No. 8 (N.-W. P. and Oudh)	Joined as Computer, 2nd February 1891.
10	176 0 0	. . . . .	No. 12 (Sind)	Joined as Computer, 18th August 1890.
11	176 0 0	. . . . .	No. 14 (Central Provinces).	
12	168 0 0	. . . . .	No. 4 (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.
13	168 0 0	(c) Upper Burma, R80	No. 10 (Upper Burma).	
14	168 0 0	(c) Upper Burma, R80	No. 3 (Upper Burma).	
15	168 0 0	(c) Upper Burma, R80.	No. 11 (Upper Burma).	
16	168 0 0	. . . . .	No. 4 (Bihar).	
17	168 0 0	(c) Upper Burma, R80	No. 3 (Upper Burma).	
18	160 0 0	. . . . .	No. 18 (Himalaya).	
19	160 0 0	. . . . .	No. 8 (N.-W. P. and Oudh).	
20	160 0 0	(d) Burma, R50	No. 7 (Lower Burma)	Includes previous service in the Meteorological Department from 8th April 1895. Leave without allowance from 25th November to 16th December 1896.
21	160 0 0	. . . . .	No. 19 (Madras).	
22	160 0 0	. . . . .	No. 13 (Madras)	Medical leave from 4th December 1895 to 31st January 1896.
23	160 0 0	. . . . .	No. 14 (Central Provinces).	
24	160 0 0	. . . . .	No. 2 (N.-W. P. and Oudh).	

(c) Department of Finance and Commerce No. 756, dated 11th February 1890.

(d) Financial Resolution No. 5826, dated 25th October 1889.

(h) Revenue and Agricultural Department No. 1339, dated 1st November 1890.

Classified List of Officers of the Provincial Service, Survey

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 1897.
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Y. M. D.

PROVINCIAL SERVICE—concl'd.

Sub-Assistant Superintendents—concl'd.

3RD GRADE. Salary R120 rising to R160.

26	26	1	Himansu Kumar Roy . . . . .	†	. . . . .	5 9 73	Oct. 15, 1895	. . . . .	1 6 28
		2	John Donaghey . . . . .	†	. . . . .	20 9 74	Oct. 26, 1895	. . . . .	1 8 5
		3	Edwin John Biggle . . . . .	†	. . . . .	16 2 73	Oct. 24, 1895	. . . . .	1 8 8
		4	Philip Lloyd Causley . . . . .	†	. . . . .	12 6 72	Oct. 25, 1895	. . . . .	1 2 11
		5	Abinash Chunder Bose . . . . .	†	. . . . .	16 11 72	Oct. 15, 1895	. . . . .	1 8 11
		6	Edgar Clinton James Bond . . . . .	†	. . . . .	19 4 70	Dec. 17, 1896	. . . . .	0 5 21
		7	Jagadamba Prasad . . . . .	†	. . . . .	10 1 70	Nov. 17, 1896	. . . . .	0 7 15
		8	Henry Charles Hubert Cooper . . . . .	†	. . . . .	5 8 74	Nov. 24, 1896	. . . . .	0 7 7
		9	Charles Edwin Cluge French . . . . .	†	. . . . .	16 3 75	Nov. 14, 1896	. . . . .	0 7 17
		10	Charles Cahill Byrne . . . . .	†	. . . . .	25 9 76	Nov. 20, 1896	. . . . .	0 7 13
		11	Charles John Veale . . . . .	†	. . . . .	8 3 77	Nov. 25, 1896	. . . . .	0 7 7
		12	Percival Robert Anderson . . . . .	†	. . . . .	28 2 74	Nov. 27, 1896	. . . . .	0 7 5
		13	Eustace Gilbert Hardinge . . . . .	†	. . . . .	6 5 73	Nov. 25, 1896	. . . . .	0 7 7
		14	Colonel August O'Donel . . . . .	†	. . . . .	31 7 76	Dec. 10, 1896	. . . . .	0 6 28
		15	Ahmed Ali, Khan Bahadur . . . . .	†	. . . . .	1 12 47	Nov. 15, 1896	. . . . .	29 7 0
		16	Hanuman Prasad . . . . .	†	. . . . .	17 7 69	Nov. 15, 1896	. . . . .	6 8 0
		17	Charles Sutherland Littlewood . . . . .	†	. . . . .	2 9 75	Nov. 15, 1896	. . . . .	0 7 18
		18	Vacant						
		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 1897—concluded.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
				R . s . p.
1	128 0 0	(c) Upper Burma, R80	No. 3 (Upper Burma)	Medical leave from 19th July to 31st August 1896.
2	128 0 0	. . . . .	No. 9 (Madras).	
3	128 0 0	. . . . .	No. 18 (Himalaya).	
4	128 0 0	(g) Presidency, R20 .	Head-Quarters, Calcutta	Medical leave from 16th October 1896 to 2nd April 1897.
5	128 0 0	(d) Burma, R50 . . .	No. 7 (Lower Burma).	
6	120 0 0	. . . . .	No. 12 (Sind).	On probation.
7	120 0 0	. . . . .	No. 2 (N.-W. P. and Oudh)	Ditto. Joined as Despatcher, Photographic section, Trigonometrical Branch Office, 10th July 1894. Previous temporary service as Computer from 17th August 1891 to 9th July 1894.
8	120 0 0	(d) Baluchistan, R80 .	No. 15 (Baluchistan)	Ditto.
9	120 0 0	. . . . .	No. 18 (Himalaya)	Ditto.
10	120 0 0	. . . . .	No. 2 (N.-W. P. and Oudh)	Ditto.
11	120 0 0	. . . . .	No. 19 (Madras)	Ditto.
12	120 0 0	(c) Upper Burma, R80	No. 21 (Upper Burma)	Ditto.
13	120 0 0	(c) Upper Burma, R80	No. 3 (Upper Burma)	Ditto.
14	120 0 0	(d) Burma, R50 . . .	No. 20 (Burma)	Ditto.
15	120 0 0	(d) Baluchistan, R80 .	No. 15 (Baluchistan)	Ditto. Joined as Sub-Surveyor, 1st December 1867.
16	120 0 0	. . . . .	No. 23 (Astronomical)	Ditto. Joined as Computer, 1st November 1890.
17	120 0 0	(g) Presidency, R20 .	Head-Quarters, Calcutta	Ditto. Previous temporary service in Cadastral Establishment.
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(c) Department of Finance and Commerce No. 756, dated 11th February 1889.
 (d) Financial Resolution No. 528, dated 25th October 1888.
 (g) Ditto No. 704, dated 22nd February 1866.

Names of Administrative and Technical Offices of the Survey of India Department, as they stood on 1st July 1897.

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, D. S. G., Rev.
Deputy Surveyor-General's, Topo. Branch	Ditto	
Ditto, Rev. Branch	Ditto	
<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	Supdt.

Names of Field Parties of the Survey of India Department, as they stood on 1st July 1897.

No. of Party.	Locale of Operations.	Recess Quarters.	Nature of Current Operations.	Administrative Officer.
No. 2	N.-W. P. and Oudh	Mussooree	Traverse	D. S. G., Rev.
" 3	Upper Burma	Mandalay	Cadastral	Ditto.
" 4	Bihar	Mussooree	Ditto	Supdt., Settlement Surveys, Bengal.
" 6	Assam	Shillong	Cadastral, Topographical and Traverse.	D. S. G., Rev.
" 7	Lower Burma	Rangoon	Cadastral	Ditto.
" 8	N.-W. P. and Oudh	Naini Tal	Traverse	Ditto.
" 9	Madras	Bangalore	Topo. Forests.	Ditto.
" 10	Upper Burma	Bangalore	Topographical	D. S. G., Topo.
" 11	Ditto	Bangalore	Ditto	Ditto
" 12	Sind	Mussooree	Ditto	Ditto.
" 14	Central Provinces.	Mussooree	Topo. Forests.	Supdt., Trig. Surveys.
" 15	Baluchistan	Quetta	Topographical	D. S. G., Topo.
" 17	Bombay	Poona	Topo. Forests.	Ditto.
" 18	Himalaya	Simla	Topographical.	Supdt., Trig. Surveys.
" 19	Madras	Bangalore	Topo. Forests.	D. S. G., Rev.
" 20	Burma	Bangalore	Ditto	Ditto.
" 21	Upper Burma	Bangalore	Topographical	D. S. G., Topo.
" 22	India	Mussooree	Astronomical.	Supdt., Trig. Surveys.
" 23	Ditto	Mussooree	Ditto	Ditto.
" 24	Baluchistan	Mussooree	Triangulation	Ditto.
" 25	India	Poona	Tide-Registering and Levelling	Ditto.
Detacht.	Noakhally	Dacca	Cadastral	Supdt., Settlement Surveys, Bengal.

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 1897.

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.	Major-Genl. C. Strahan, R.E.	. . .	. . . . .	. .	. .	Mar. 26, 95	Direction of all Offices and Superintendence of —
Deputy Surveyor-General, in charge Topographical Branch.	Ditto . .	. . .	. . . . .	. .	. .	Ditto .	No. 10 Party (Upper Burma). No. 11 Party (Upper Burma). No. 12 Party (Sind). No. 15 Party (Dachigatan). No. 17 Party (Bombay Forests). No. 21 Party (Upper Burma). Simla Drawing Office.
(Calcutta.)							
Deputy Surveyor-General, in charge Revenue Branch.	Colonel J. E. Sandeman, I.S.O.	. . .	. . . . .	. .	. .	Mar. 26, 95	On furlough for 1 year and 125 days, from 1st May 1897.
Offg. ditto .	Lt.-Col. J. R. Hobday, I.S.O.	. . .	. . . . .	. .	. .	Apr. 19, 97	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 (Madras). No. 19 Party (Madras). No. 20 Party (Burma).
(Calcutta.)							
Supdt. of Settlement Surveys in Bengal.	Captain R. T. Crichton, I.S.O.	. . .	. . . . .	D. Sup.	1st	Oct. 19, 95	Superintendence of— No. 4 Party (Dihor), Noakhally Detachment.
(Mussoree.)							

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 1897—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, B.E.	. . .	. . . . .	Offg. Sup.	1st	May 1, 94	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 (Baluchistan). No. 25 Party (Tidal and Levelling).
		Capt. G. P. Loxton-Conyng- ham, B.E.	. . . . .	D. Sup.	1st	Mar. 1, 97	In charge, Computing.
		Lt. H. H. Turner, B. E.	. . . . .	A. Sup.	2nd	Apl. 22, 97	Computing.
			H. W. Peychers .	E. A. Sup.	2nd	Sep. 1, 71	Ditto.
			A. D. L. Christie .	E. A. Sup.	2nd	May 2, 92	Ditto.
			C. H. McA'Fec. .	E. A. Sup.	3rd	Feb. 1, 85	Drawing Sec- tion.
(Dehra.)			J. A. Higgs . .	Offg. E. A. Sup.	6th	Mar. 1, 97	Ditto.
Assistant Surveyor-General, Drawing and Engraving Offices.	A. E. Spring .	. . . . .	. . . . .	Offg. D. Sup.	1st	May 9, 96	
			L. J. Pocock .	E. A. Sup.	1st (Supy.)	July 30, 92	
			W. Stotesbury .	E. A. Sup.	3rd	Dec. 2, 96	
			T. H. Rendoll .	E. A. Sup.	4th	Nov. 20, 96	
			J. A. Barker .	E. A. Sup.	4th	June 5, 93	
			J. McHatton .	E. A. Sup.	5th	Nov. 4, 96	
			G. E. Parker .	E. A. Sup.	5th	Oct. 23, 96	
			T. Shaw . . .	E. A. Sup.	5th	Jan. 1, 96	
			G. Campbell .	E. A. Sup.	5th	Nov. 1, 94	
			E. P. S. Hill .	E. A. Sup.	6th	Nov. 28, 96	
			S. O. Madras .	S. A. S.	1st	Aug. 7, 94	
			W. H. D. Ewing .	S. A. S.	1st	Nov. 27, 93	
			A. B. Smart .	S. A. S.	1st	Feb. 4, 96	
			P. L. Causley .	S. A. S.	3rd	Apl. 3, 97	
(Calcutta.)			C. S. Littlewood .	S. A. S.	3rd	June 30, 97	On probation.

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 1897—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 and Mathematical Instrument Offices.	Lieut.-Colonel J. R. Hobday, I.S.C.	. . .	. . . . .	Sup.	2nd	Feb. 4, 97	Offg. Dy. Surveyor-General, in charge, Revenue Branch
Offg. ditto (Calcutta.)	Major F. B. Longe, R.E.	. . .	. . . . .	Sup.	2nd	Apr. 30, 97	
Assistant Surveyor-General, Photographic and Lithographic Offices. (Calcutta.)	T. A. Pope	. . .	. . . . .	Offg. Sup.	2nd	May 10, 97	
Charge of Map, Record and Issue Office. (Calcutta.)	A. E. Spring	. . .	. . . . .	Offg. D. Sup.	1st	Mar. 16, 97	
Charge of Simla Drawing Office. (Simla.)	Colonel Sir T. H. Holdich, C.B., K.C.I.E., R.E. G.W. E. Atkinson	. . . . . .	. . . . . . . . . . W. J. Cornelius R. R. Dickinson F. E. Warde	Sup. Offg. D. Sup. E. A. Sup. E. A. Sup. S. A. S.	1st 2nd 4th 6th 2nd	Apr. 3, 97 Nov. 8, 92 Feb. 1, 90 Dec. 5, 98 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 1897.

NAME.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
			R s. 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'Bozario . . .	3 7 49	Head Clerk . . .	200-20-300	Oct. 14, 1874	Dec. 1, 1896	Present pay R280.
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, 1897	
J. A. Vallis . . .	11 8 48	Clerk . . .	175 0 0	Apl. 1, 1871	Dec. 1, 1889	Furlough for six months, from 23rd February 1893.
Kall Pudo Banerjee . . .	27 10 39	Do. . .	125 0 0	Jan. 1, 1859	Sep. 1, 1885	Extension of service to 26th October 1897.
Banee Madhub Banerjee	Apl. 1844	Do. . .	125 0 0	Mar. 20, 1868	Aug. 1, 1886	
Chuni 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 Chander . . .	30 9 39	Do. . .	100 0 0	May 14, 1857	Feb. 1, 1889	Extension of service to 29th September 1897.
Rajkrishna Mukerjee . . .	11 8 49	Do. . .	100 0 0	Aug. 11, 1873	Sep. 1, 1894	

Drawing Office.

W. Stotesbury . . .	26 7 47	Chief Draftsman	600 0 0	Oct. 4, 1864	May 17, 1897	Sub. pro temp.
J. McHatton . . .	17 7 49	Head do. . .	450 0 0	July 1, 1867	Dec. 2, 1896	
W. H. D. Ewing . . .	23 8 57	Draftsman . . .	325 0 0	Apl. 15, 1878	Mar. 1, 1897	

EUROPEAN DRAFTSMEN.

W. Green . . .	10 9 39	Draftsman . . .	300 0 0	Jan. 1, 1862	Jan. 1, 1890	Extension of service to 9th September 1897.
A. J. Musgrove . . .	18 2 58	Ditto . . .	250 0 0	Apl. 22, 1877	Dec. 1, 1892	
J. R. Adols . . .	10 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 1897—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.

Drawing Office—concl'd.

EUROPEAN DRAFTSMEN—concl'd.

R. Sinclair . . .	2 12 61	Draftsman . . .	175 0 0	June 1, 1880	Jan. 26, 1895	
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	Apr. 19, 1895	On deputation, Forest Department, from 20th April 1895.

NATIVE DRAFTSMEN.

Purna Chunder Sen . . .	15 1 54	Draftsman . . .	120 0 0	July 10, 1877	Apr. 5, 1895	
Muttulla . . .	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	Oct. 1, 1896	

Additional Establishment, Drawing Office.

T. Shaw . . .	15 11 52	Draftsman . . .	400 0 0	Apr. 21, 1869	Feb. 5, 1897	
A. B. Smart . . .	27 9 65	Ditto . . .	300 0 0	Feb. 25, 1885	Feb. 5, 1897	

Engraving Office.

J. Fulford . . .	6 7 43	(a) Head Engraver	800 0 0	Oct. 10, 1872	Apr. 23, 1891	
S. M. Coard . . .	21 8 58	(a) 2nd ditto . . .	600 0 0	Feb. 1, 1875	Dec. 1, 1896	
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. 1890. Short-drawn R50.
A. W. N. James . . .	21 1 60	(a) 4th ditto . . .	450 0 0	Mar. 15, 1878	Dec. 1, 1896	Offg. 3rd Engraver.
A. B. Coard . . .	3 10 61	(a) 5th ditto . . .	400 0 0	Ditto . . .	Ditto . . .	Offg. 4th Engraver.
E. Earle . . .	21 3 64	(a) 6th ditto . . .	350 0 0	May 1, 1880	Ditto . . .	Short-drawn R25. Offg. 6th Engraver.
E. C. Ollenbach . . .	24 1 61	(a) 7th ditto . . .	300 0 0	Aug. 1, 1879	Apr. 23, 1891	Short-drawn R25.
L. H. Musgrove . . .	7 4 64	(a) 8th ditto . . .	250 0 0	July 1, 1882	Dec. 1, 1896	
F. B. C. Scallan . . .	4 7 70	(b) 7th ditto . . .	125 0 0	Aug. 11, 1884	Apr. 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 1897—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.

R. Fogarty . . .	19 8 69	Head Assistant	400-30-550	Mar. 30, 1897	Mar. 30, 1897	Present pay ₹400, Sub. <i>pro tem</i> .
A. J. J. Rodrigues . .	17 8 72	Head Draftsman.	100-10-200	Apl. 1, 1889	Mar. 15, 1897	Present pay ₹100.
Ambica Churn Mukerjee	1 1 54	Draftsman .	120 0 0	July 10, 1878	Apl. 1, 1896	
Abdool Mujid . . .	Mar 1845	Examiner .	100 0 0	May 1, 1866	May 1, 1897	Short-drawn ₹15.

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.
S. U. Ravenscroft . .	21 2 69	Asst. ditto .	75-10-125	Aug. 1, 1884	Apl. 1, 1896	Present pay ₹115.
C. Andrews . . .	27 3 66	Machine Printer.	75-10-125	Nov. 1, 1892	July 1, 1896	Ditto ₹85.
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 1896.
C. J. Meade . . .	28 4 68	Asst. ditto .	75-15-150	Aug. 1, 1884	Apl. 1, 1896	Present pay ₹135.
F. N. Murphy . . .	30 9 73	Ditto .	50-10-100	Apl. 3, 1893	Apl. 3, 1893	Ditto ₹60.

Heliogravure Section.

A. W. Turner . . .	19 10 53	Photo-En graver.	300-20-400	May 1, 1885	May 1, 1890	On furlough to Europe for 6 months, from 10th July 1886.
J. T. Meade . . .	29 12 69	Asst. ditto .	100-10-200	Aug. 1, 1884	Apl. 1, 1897	Present pay ₹140. Furlough for 1 year from 13th April 1897.

Correspondence, Stores, and Account Section.

Ranny Lall Sen . . .	27 5 52	Store-keeper .	100-20-200	May 26, 1873	May 1, 1897	Present pay ₹120.
A. B. Carville . . .	23 10 71	Head Clerk and Acctt.	100 0 0	Apl. 5, 1897	Apl. 5, 1897	Short-drawn ₹20.

List of Technical and Ministerial Officers of the Survey of India Department drawing R100 and above, as it stood on 1st July 1897—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 20th February 1894 to 8th January 1895.
B. 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, 1897	Present pay R100.

Zinc Printing Section.

J. B. Mackenzie	16 4 65	Zincographer .	145 to 330	Oct. 1, 1880	May 1, 1896	Inclusive of house-rent R30. Present pay R145. Inclusive of house-rent R20. Present pay R200.
F. R. Vandyke	28 9 65	Ditto .	145 to 330	Aug. 1, 1889	Aug. 1, 1894	
P. C. Michael	31 8 70	Asst. ditto .	75-10-125	Sep. 1, 1884	Apr. 1, 1897	

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	Exclusive of personal allowances R100.
T. R. Theakston	26 12 68	Assistant Mathematical Instrument-maker.	350-30-500	Oct. 10, 1892	Nov. 1, 1896	Present pay R440.

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	Jan. 1, 1897	Present pay R80.

STORE SECTION.

M. C. Relletty	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 1897—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,
DEHERA DUN.**

Computing Section.

Amba Prasad . . .	3 7 45	Computer . . .	150 0 0	July 26, 1865	Mar. 1, 1897	Short-drawn R5.
Shoshi Bhooshan Shome	13 7 49	Ditto . . .	130 0 0	Apl. 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 1866.

Photozinc Section.

J. S. Manuel . . .	30 4 51	Zincographer . . .	250 0 0	July 16, 1889	May 1, 1895	Short drawn R70. On sick leave.
G. A. LeFranc . . .	27 4 67	Asst. ditto . . .	175 0 0	Aug. 1, 1884	Mar. 1, 1897	Short drawn R30. Offg. Zincographer.
Misaji Lal . . .	31 1 50	Accountant . . .	140 0 0	Feb. 14, 1872	Mar. 1, 1896	

Correspondence Section.

J. Burbridge . . .	18 10 59	Head Clerk . . .	150-20-250	Jan. 16, 1879	Dec. 1, 1896	Present pay R230.
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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	On sick leave.
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DRAWING OFFICE, SIMLA.

H. Sinton . . .	3 12 48	Draftsman . . .	125 0 0	Jan. 1, 1865	Oct. 1, 1894	
Jafr Khan . . .	1 3 50	Ditto . . .	100 0 0	Dec. 1, 1862	Nov. 1, 1893	
F. Bozaro . . .	23 3 50	Surveyor . . .	110 0 0	May 28, 1873	Nov. 1, 1893	

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	Bihar (Cadastral.)	Supdt., Settlement Sys., Bengal.	Capt. B. T. Crichton, I.S.C.	D. Sup.	1st	Oct. 31, 98
			Lieut. C. W. H. Symonds, I.S.C.	Offg. D. Sup.	2nd	Oct. 1, 98
			A. W. Smart	E. A. Sup.	5th	Oct. 1, 98
			C. S. Kraal	E. A. Sup.	6th	Oct. 1, 98
			C. S. Gasper	S. A. S.	1st	Oct. 1, 98
			Nillmoni Chatterjee	S. A. S.	2nd	Oct. 1, 98
			P. K. Vaughan	S. A. S.	2nd	Oct. 1, 98
			Permanent Establishment			
Recess quarters, Mussooree.			Temporary ditto			
6	Assam (Cadastral Topo. and Traversc.)	D. S. G. Rev.	W. H. Penrose	C. A. Sup.	5th	June 5, 98
			F. S. Bell	S. A. S.	1st	Nov. 1, 98
			Permanent Establishment			
Recess quarters, Shillong.			Temporary ditto			
7	Lower Burma (Cadastral.)	D. S. G. Rev.	B. G. Gilbert-Cooper	Offg. D. Sup.	1st	Nov. 27, 98
			W. C. Price	E. A. Sup.	3rd	Dec. 1, 98
			G. W. Jarbo	E. A. Sup.	4th	Nov. 1, 98
			J. S. Swiney	E. A. Sup.	5th	Oct. 1, 98
			M. Gastaud	S. A. S.	1st	Oct. 1, 98
			T. W. Babonau (Jr.)	S. A. S.	1st	June 5, 98
			J. H. Murphy	S. A. S.	2nd	Dec. 1, 98
			Amar Singh	S. A. S.	2nd	Nov. 1, 98
			Abinash Chunder Bose	S. A. S.	3rd	Oct. 28, 98
						Permanent Establishment
Recess quarters, Rangoon.			Temporary ditto			
8	N.-W. P. and Oudh (Traverse.)	D. S. G. Rev.	J. S. Pemberton	D. Sup.	2nd	Nov. 1, 98
			R. B. Smart	E. A. Sup.	4th	Oct. 20, 98
			J. Murphy	E. A. Sup.	5th	Oct. 13, 98
			G. Rae	S. A. S.	2nd	Dec. 1, 98
			Aulad Husseln	S. A. S.	2nd	Nov. 28, 98
			P. Williams	S. A. S.	2nd	Oct. 25, 98
			Permanent Establishment			
Recess quarters, Naini Tal.			Temporary ditto			

attached to Field Parties, 1st July 1897—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1897-98.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen-Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
8	11	34	2	23	1,69,220	
570	39	875	...	...
...	82,010	In temporary charge.
12	9	320	1	10		
6	31	10	...	...
14	7	113	1	17	2,00,480	
78	62	555	...	...
10	9	37	1	12	81,640	
25	29	459	...	...

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.
9	Madras (Topo. Forests.)	D. S. G. Rev.	E. J. Jackson	Offg. Sup.	1st	Nov. 17, 93
			A. G. Wyatt	E. A. Sup.	2nd	Nov. 28, 96
			W. C. G. Barckley	E. A. Sup.	6th	Sept. 9, 96
			C. George	E. A. Sup.	6th	Nov. 1, 95
			J. Donaghey	S. A. S.	3rd	Oct. 26, 95
Recess quarters, Bangalore.						
10	Upper Burma (Topo.)	D. S. G. Topo.	Capt. A. J. Pilcher, R.E.	Offg. D. S.	2nd	Sep. 3, 95
			G. D. Cusson	E. A. Sup.	5th	Nov. 7, 96
			G. T. Hall	E. A. Sup.	5th	Oct. 1, 96
			P. J. Serrao	S. A. S.	1st	Nov. 14, 96
			J. A. Freeman	S. A. S.	2nd	Nov. 23, 91
Recess quarters, Bangalore.						
			Permanent Establishment			
			Temporary	Ditto		
11	Upper Burma (Topo.)	D. S. G. Topo.	Capt. T. F. B. Renny-Tailyour, R.E.	D. Sup.	1st	Dec. 1, 94
			Lieut. W. M. Coldstream, R.E.	Offg. D. Sup.	2nd	Nov. 6, 95
			P. J. W. Doran	E. A. Sup.	5th	May 12, 90
			W. M. Kelly	E. A. Sup.	5th	Oct. 1, 92
			P. White	E. A. Sup.	6th	Oct. 20, 96
			H. G. Shaw	S. A. S.	1st	Oct. 1, 92
			H. H. B. Hanby	S. A. S.	2nd	Dec. 5, 96
Recess quarters, Bangalore						
			Permanent Establishment			
			Temporary	Ditto		
12	Sind (Topo.)	D. S. G. Topo.	Capt. G. B. Hodgson, I.S.O.	S.C.P.	2nd	Oct. 28, 95
			R. C. D. Ewing	E. A. Sup.	4th	Nov. 10, 96
			G. G. Vander-Beeck	E. A. Sup.	5th	Oct. 28, 96
			B. F. Warwick	E. A. Sup.	6th	Nov. 1, 96
			J. Smith	S. A. S.	1st	Oct. 29, 95
			F. P. Walsh	S. A. S.	1st	Nov. 1, 96
			Sarat Chunder Sen	S. A. S.	2nd	Nov. 1, 96
			Rahmatulla	S. A. S.	2nd	Nov. 22, 96
			E. C. J. Bond	S. A. S.	3rd	Dec. 17, 96
			Recess quarters, Mussooree			
			Permanent Establishment			
			Temporary	Ditto		

attached to Field Parties, 1st July 1897—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1897-98.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
15	22	116	. . . .	17	89,060	
15 4	. . . .	63 155	. . . .	5	} 1,07,920	
14 5	2 1	45 197	. . . .	4	} 1,12,250	
. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	On probation.
27 4	9 6	38 339	. . . .	11	} 1,07,620	

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	<i>Lushai</i> Central Provinces (Topo. Forests.)	Supdt., Trig.	C. F. Erskine	Offg. D. Sup.	1st	May 12, 96
			J. Keating	E. A. Sup.	6th	Oct. 1, 89
			R. Waller-Senior	E. A. Sup.	6th	Oct. 1, 86
			B. R. Hughes	S. A. S.	1st	Apr. 25, 96
			J. O. Greiff	S. A. S.	2nd	Nov. 13, 91
			M. C. Petters	S. A. S.	2nd	Nov. 1, 85
Recess quarters, Mussooree.						
16	Baluchistan (Topo.)	D. S. G. Topo.	Col. Sir T. H. Holdich, K.C.I.E., C.B., B.E.	Sup.	1st	Apr. 3, 97
			Lt. F. W. Pirrie, I. S. C.	Offg. D. Sup.	2nd	Oct. 10, 96
			T. E. M. Claudius	E. A. Sup.	1st (Sup.)	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
			Yusuf Sharif, Khan Bahadur	S. A. S.	1st	Apr. 1, 89
			Bal Hira Singh Bahadur	S. A. S.	1st	Nov. 1, 85
			H. C. H. Cooper	S. A. S.	3rd	Nov. 24, 93
			Ahmed Ali, Khan Bahadur	S. A. S.	3rd	Nov. 15, 96
Recess quarters, Quetta.						
17	Bombay (Topo. Forests.)	D. S. G. Topo.	Bt.-Major W. J. Dythell, B.E.	D. Sup.	1st	May 21, 96
			C. E. Tapsell	E. A. Sup.	3rd	Nov. 13, 83
			S. F. Norman	E. A. Sup.	6th	Sep. 1, 74
			C. A. Norman	E. A. Sup.	6th	Oct. 12, 74
			Permanent Establishment			
Temporary Ditto						
Recess quarters, Poona.						

attached to Field Parties, 1st July 1897—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1897-98.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
44	5	540	1	16	1,01,030	
22	1	162	1	6	1,23,600	On probation. Ditto.
20	2	140	. . .	11	78,000	
22	. . .	176		

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 Recess quarters, Simla.	Supdt. Trig.	Capt. C. L. Robertson, B.E.	Offg. D. Sup.	2nd	Nov. 12, 98
			C. D. Potter	E. A. Sup.	4th	Nov. 1, 97
			W. Robert	E. A. Sup.	5th	Sep. 1, 78
			W. A. Fielding	E. A. Sup.	6th	Oct. 1, 97
			W. M. Gorman	S. A. S.	2nd	Sep. 19, 98
			E. J. Biggie	S. A. S.	3rd	Oct. 23, 98
			C. E. C. French	S. A. S.	3rd	Nov. 14, 98
19	Madras (Topo. Forests.) Recess quarters, Bangalore.	D. S. G. Rev.	Capt. H. A. D. Fraser, B.E.	Offg. D. Sup.	1st	Apl. 23, 97
			Lt. A. H. B. Hume, B.E.	A. Sup.	2nd	Jan. 23, 97
			C. F. Homer	E. A. Sup.	3rd	Nov. 1, 97
			Hugh Todd	E. A. Sup.	4th	Oct. 1, 78
			R. Todd	E. A. Sup.	4th	Oct. 1, 94
			J. H. S. Wilson	S. A. S.	2nd	Nov. 1, 98
			M. J. Sheehan	S. A. S.	2nd	Oct. 30, 98
			C. J. Veale	S. A. S.	3rd	Nov. 25, 98
20	Burma (Topo. Forests.) Recess quarters, Bangalore.	D. S. G. Rev.	Lt. H. J. Hare, B.E.	A. Sup.	1st	Jan. 14, 97
			W. A. Wilson	E. A. Sup.	1st	Nov. 15, 99
			A. Ewing	S. A. S.	1st	Nov. 1, 99
			H. A. Charrier	S. A. S.	2nd	Nov. 1, 99
			C. A. O'Donel	S. A. S.	3rd	Dec. 10, 99
21	Upper Burma (Topo.) Recess quarters, Bangalore.	D. S. G. Topo.	Capt. A. J. Pilcher, B.E.	Offg. D. Sup.	2nd	Apl. 15, 97
			A. J. Wilson	E. A. Sup.	1st	Nov. 1, 98
			A. J. James	E. A. Sup.	3rd	Nov. 1, 98
			J. M. Kennedy	E. A. Sup.	6th	June 23, 97
			W. F. E. Adams	S. A. S.	1st	Oct. 21, 97
			P. R. Anderson	S. A. S.	3rd	Nov. 27, 98
				Permanent Establishment		
	Temporary Ditto					

attached to Field Parties, 1st July 1897—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1897-98.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
26	20	252	1	9	65,580	On probation.
35	1	306		16	88,840	On probation.
31	6	545	2	10	1,25,240	In charge.
11	1	9	1	7	99,420	On probation.
6	1	99				

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	India (Astronomical.) Recess quarters, Mussooree.	Supdt. Trig.	Capt. G. P. Lenox-Conyngham, B.E.	D. Sup.	1st	Mar. 16, 97
23	India (Astronomical.) Recess quarters, Mussooree.	Supdt. Trig.	Capt. G. P. Lenox-Conyngham, B.E. Hanuman Prasad	D. Sup. S. A. S.	1st 3rd	Mar. 16, 97 Nov. 15, 96
24	Baluchistan (Triangulation.) Recess quarters, Mussooree.	Supdt. Trig.	Capt. J. M. Burn, B.E. J. Hlickie P. F. Prunty	Offg. D. Sup. E. A. Sup. E. A. Sup.	1st 5th 6th	Oct. 12, 91 Oct. 1, 88 Sep. 15, 83
25	India (Tidal and Levelling.) Recess quarters, Poona.	Supdt. Trig.	Capt. S. G. Burrard, B.E. G. P. Belcham E. J. Connor J. Dond J. P. Barker	Offg. Sup. E. A. Sup. E. A. Sup. E. A. Sup. S. A. S.	2nd 1st (Sup.) 4th 4th 1st	Dec. 16, 88 Sep. 1, 79 Dec. 1, 77 June 1, 88 Jan. 2, 87
Detacht.	N.W.P. Mookhally (Cadastral.) Recess quarters, Dacca.	Supdt., Settlement Sys., Bengal. N.W.P.	E. F. Berkeley	S. A. S.	1st	Nov. 18, 86
				Permanent Establishment		
				Temporary ditto		

attached to Field Parties, 1st July 1897—concluded.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1897-98.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
...	1	36	...	...	24,510	
...	...	...	...	...	...	On probation.
...	1	36	...	...	12,830	
...	5	214	1	17	95,380	
...	13	33	...	7	82,430	
...	...	1	...	1	4,660	
107	5	98	...	3		

Disposition List of Officers of the Survey of India Department temporarily transferred or on furlough, etc., 1st July 1897.

Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Govt. or Dept. to which transferred.	Date of deputation.	REMARKS.
<i>On Deputation.</i>						
W. H. Reynolds		Sup.	2nd	Forest Department.	Jan. 1, 71	
E. F. Litchfield		D. Sup.	2nd	Ditto.	Oct. 16, 76	On furlough.
G. B. Scott		Offg. D. Sup.	2nd	N.-W. Provinces.	Dec. 14, 94	
	T. S. Marten	E. A. Sup.	6th	Forest Department.	Mar. 14, 74	
	J. Marten	E. A. Sup.	6th	Ditto.	Oct. 22, 75	
	A. Descubes	S. A. S.	1st	Ditto.	Jan. 18, 87	
	J. H. Nichol	S. A. S.	2nd	Ditto.	Dec. 16, 88	
	C. Litchfield	S. A. S.	2nd	Ditto	Nov. 14, 88	
	*J. H. O'Donel	E. A. S.	3rd	Assam	Nov. 9, 92	
	*C. P. Torrens	E. A. S.	5th	Burma	Oct. 1, 89	
	*P. Beechey	S. A. S.	1st	Ditto	June 8, 90	
	*W. E. Johnson	S. A. S.	1st	Ditto	Nov. 7, 95	
	*J. A. T. Had-dock	S. A. S.	1st	Ditto	Oct. 16, 91	
	*C. G. S. Wood	S. A. S.	1st	Ditto	Apr. 1, 94	
	*H. W. Biggie	S. A. S.	2nd	Ditto	Sep. 14, 04	
	*H. B. Powell	S. A. S.	2nd	Ditto	Nov. 20, 95	
	*J. R. Scott	E. A. Sup.	5th	Central Provinces.	Dec. 8, 87	
	*T. H. Dunne	E. A. Sup.	4th	Egypt	Jan. 1, 97	
	L. F. Berkeley	E. A. Sup.	6th	N.-W. Provinces.	Nov. 1, 96	
	*P. C. H. Smart	E. A. Sup.	6th	Ditto	Oct. 15, 95	
	*O. D. Smart	S. A. S.	1st	Ditto	Nov. 12, 95	
	*N. Bedford	S. A. S.	1st	Ditto	Nov. 1, 94	
	*W. Skilling	S. A. S.	1st	Ditto	Nov. 30, 94	
	F. B. Powell	S. A. S.	1st	Ditto.	Oct. 3, 96	
	C. H. G. Johnson	S. A. S.	1st	Ditto.	Nov. 5, 96	
	Imam Sharif, K.B.	S. A. S.	2nd	Zanzibar	Mar. 5, 87	

* Names in italics are seconded.

<i>On Furlough, etc.</i>						
Col. J. E. Sandeman, I.S.O.		D. S. G. Rev.				For 1 year and 125 days from 1st May 1897.
E. C. Barrett		Sup.	1st			For 6 months, from 2nd May 1897.
Col. E. G. Woodthorpe, O.B., R.S.		Sup.	2nd			For 2 years, from 16th September 1895.
Dt.-Lt.-Col. R. A. Wabab, O.I.S., R.S.		Sup.	2nd			For 1 year, from 28th June 1895. Extension for 4 months.
J. Eccles		D. Sup.	1st			For 8 months from 20th March 1897.
E. F. Litchfield		D. Sup.	2nd			For 9 months, from 24th June 1897.
Capt. P. J. Gordon, I.S.O.		D. Sup.	2nd			For 1 year, from 6th June 1897.
Capt. C. H. D. Ryder, R.S.		D. Sup.	2nd			For 2 years, from 20th March 1897.
	H. T. Hanby	E. A. Sup.	2nd			For 1 year, from 1st May 1897.

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

Corrected up to 1st July 1897.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra 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, Gurbagarh Meridional Series	1st Nov. 1860	.....	...
Central India and Mussooree.	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 Mussooree.	Sub-Asst., 2nd class, Astronomical Party No. 1	1st Nov. 1864	.....	...
Central Provinces and Mussooree.	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 Mussooree.	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 Dun .	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 19 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 ditto . . .	..	Asst. Supdt., 1st grade	25th Apl. 1893.
Ditto .	Ditto attached to ditto .	14th Aug. 1893	Ditto 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 ditto . . .	..	Asst. Supdt., 1st grade	8th May 1894.
Ditto .	Ditto ditto ditto . . .	30th Nov. 1894	.....	..
Ditto .	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	.....	..
Ditto .	Ditto ditto . . .	..	Dy. Supdt., 2nd grade	6th July 1896.
Ditto .	Ditto ditto . . .	1st Aug. 1896	.....	..
Ditto .	Ditto ditto . . .	..	Dy. Supdt., 2nd grade	19th Mar. 1897.

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 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, 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, 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 (con- firmed) . . .	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 Apr. 1895.
<i>Furlough from 30th April to 23rd October 1895.</i>				
Assam .	Supdt., 2nd grade, in charge No. 6 Party (Assam) . . .	3rd Nov. 1895	.....	...
Ditto .	Ditto ditto . . .	...	Supdt., 1st grade	10th Jan. 1896.
Ditto .	Ditto ditto . . .	1st Aug. 1896	.....	...
Ditto .	Ditto ditto . . .	...	Supdt., 1st grade	13th Oct. 1896.
Ditto .	Ditto ditto . . .	21st Dec. 1896	.....	...
Ditto .	Supdt., 1st grade, ditto . . .	4th Feb. 1897	.....	...
<i>Furlough for 6 months, from 2nd May 1897.</i>				

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 Establish- ment	23rd Feb. 1888	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Lucknow	Asst. Engr., 2nd grade, Military Works Dept.	4th Apl. 1888	.....	...
Madras	Ditto, P. W. Dept., State Rys.	8th Oct. 1889	.....	...
Baluchistan and Quetta.	Asst. Engr., 2nd grade, Zhob 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	1st 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>				
Baluchistan	Dy. Supdt., 2nd grade, in charge No. 24 Party (Baluchistan)	12th Dec. 1896	.....	...
<i>Privilege leave for 3 months, from 16th April 1897.</i>				
Baluchistan	Dy. Supdt., 2nd grade, in charge No. 24 Party (Baluchistan)	...	Dy. Supdt., 1st grade.	1st June 1897.

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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	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	.....	..
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	.....	..
Jehra	Asst. Supdt., 2nd grade, Survey of India, Trigonometrical Branch Office	2nd Sept. 1884	Asst. Supdt., 1st grade	2nd Sept. 1884
...	Ditto No. 22 Party (Astronomical I) (Electro-Longitude Operations)	9th Oct. 1885	.....	..
...	Ditto ditto in charge ditto	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 No. 23 Party (Astronomical II)	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 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>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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 I)	2nd Nov. 1891	Dy. Supdt., 3rd grade	2nd Nov. 1891.
Mussooree	Ditto ditto ditto and in charge Computing Party	4th May 1892	Ditto ditto	...
<i>Made over charge of Computing Party on 8th August 1892.</i>				
Mussooree	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I)	18th Aug. 1892	Dy. Supdt., 1st grade	18th Aug. 1892
Ditto	Ditto ditto in charge Nos. 22 and 23 Parties (Astronomical I & II)	5th Sept. 1893	Ditto ditto	...
<i>Made over charge of No. 23 Party (Astronomical II) on 6th November 1893.</i>				
Mussoorie	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I)	13th Jan. 1894	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	3rd Apl. 1894.
Ditto	Ditto ditto and in charge No. 23 Party (Astronomical II)	11th July 1894	.....	...
<i>Made over charge of No. 23 Party (Astronomical II) on 18th September 1894.</i>				
Karachi	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical I)	1st Jan. 1895	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	28th Mar. 1896.
<i>Europe and Asia Electro-Telegraph Longitude operations in England, Germany, and Persia, for connecting Greenwich and Madras, November 1894 to April 1896.</i>				
<i>Special leave for one month, from 15th April 1896.</i>				
Dehra	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical I)	16th May 1896	Supdt., 2nd grade	...
Ditto	Ditto ditto	...	Ditto and Supdt., Trigonometrical Surveys	18th May 1896.
Ditto	Ditto ditto and in charge No. 23 Party (Astronomical II)	28th May 1896	Ditto ditto	...
Mussoorie	Ditto ditto	5th Oct. 1896	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	13th Oct. 1896.
Poona	Ditto ditto and in charge No. 25 Party (Tidal and Levelling)	16th Dec. 1896	Ditto ditto	...
Ditto	Ditto ditto	18th Jan. 1897	.....	...
<i>Made over charge of Nos. 22 and 23 Parties (Astronomical I and II) on 1st February 1897.</i>				
Poona	Dy. Supdt., 1st grade, in charge No. 25 Party (Tidal and Levelling)	...	Supdt., 2nd grade	4th Feb. 1897.

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>				
...	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 Headquarters 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	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Aest. Supdt., 1st grade, attached to Head-quarters Office	17th Nov. 1893	Dy. Supdt., 2nd grade	...
Ditto	Dy. Supdt., 2nd grade, ditto	28th Apl. 1894	.....	...
Mussooree	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>				
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	...
<i>Privilege leave for 1 month and 17 days, from 16th September 1896.</i>				
Poona	Dy. Supdt., 1st grade, in charge No. 17 Party (Bombay Forests)	1st Jan. 1897	...	...

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	.....	...
...	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. Suplt., 2nd grade, Survey of India, attached to No. 15 Party (Baluchistan) . . .	25th Nov. 1894	.....	...

On special duty as Survey Officer with the Khaibar-Amar Delimitation Commission under the political charge of Mr. Udny, C.S., 25th November 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	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	...	...
Ditto .	Ditto ditto ditto	23rd Jan. 1896	Asst. Supdt., 1st grade	25th Nov. 1895.
Ditto .	Ditto, 1st grade, ditto . . . . .	...	.....	...
<i>Privilege leave for 1 month and 25 days, from 26th August to 20th October 1896. Elected for continuous Indian service, 19th January 1897.</i>				
Bangalore .	Asst. Supdt., 1st grade, attached to No. 11 Party (Upper Burma) . . . . .	...	Dy. Supdt., 2nd grade	2nd May 1897.

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.

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.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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	.....	...
<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	25th Jan. 1896.
<i>Privilege leave from 12th February to 16th March 1897.</i>				
Bihar	Dy. Supdt., 1st grade, and Supdt. of Settlement Surveys in Bengal	10th June 1897	.....	...

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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Asst. Supdt., 2nd grade, Computing Party	26th July 1885	.....	...
Ditto	Ditto ditto 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, 1st 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	28th Feb. 1889.
Ditto	Ditto ditto, at- tached to Nos. 22 and 23 Par- ties (Astronomical I and II)	4th May 1889	Ditto ditto	...

Privilege leave for 3 months, from 4th May 1889.

On Special Duty, from 4th to 18th August 1889.

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, ditto	10th Dec. 1890	.....	...
Ditto	Ditto attached to Com- puting 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.

Privilege leave for 3 months, from 4th May 1892.

Dehra Dún	Dy. Supdt., 4th grade	2nd Aug. 1892	Dy. Supdt., 3rd grade	2nd Aug. 1892.
Ditto	Ditto, in charge Com- puting 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.

Privilege leave for 6 weeks, from 5th September 1895; extension for 1 day.

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	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Dy. Supdt., 1st grade, in charge Computing Party .	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>				
<i>Privilege leave for 2 months, from 1st September 1896.</i>				
Dehra Dún .	Dy. Supdt., 1st grade, in charge Computing Party .	...	In temporary charge Nos. 22 and 23 Par- ties (Astronomical),	1st Feby. 1897.
<i>Made over charge of Nos. 22 and 23 parties (Astronomical) on 16th March 1897 forenoon; and of the Technical Offices of the Trigonometrical Branch on the same afternoon.</i>				
<i>Furlough for 8 months, from 20th March 1897.</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 (Mandla) .	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>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	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, attached to Head-quarters Office .	29th Apl. 1895	Dy. Supdt., 2nd grade	29th Apl. 1895.
Ditto .	Dy. Supdt., 2nd grade, ditto .	21st Jan. 1896	.....	...
Central Provinces .	Ditto in charge No. 14 Party (Central Provinces) .	12th May 1896	.....	...
Ditto .	Ditto ditto . .	...	Dy. Supdt., 1st grade	2nd May 1897.

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	.....	...
...	Adjnt., 4th Bengal Infantry .	15th Apl. 1885	.....	...
...	Ditto ditto . .	...	Asst. Supdt., 2nd grade, Survey of India (sub. <i>pro tem.</i>)	3rd July 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Supdt., 2nd grade (on probation)	22nd Oct. 1885	.....	...
Mussooree	Ditto ditto No. 18 Party (Himalaya)	21st Sept. 1886	... ..	...
...	Ditto, ditto (con- firmed)	14th May 1887	Asst. Supdt., 1st grade	14th May 1887.
...	Ditto, 1st grade, No. 18 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 Head- quarters 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.

Privilege leave for 3 months, from 26th June 1895.

Calcutta	Dy. Supdt., 2nd grade, attached to Head-quarters Office	5th 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	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	2nd May 1897.

Privilege leave for 1 month and 24 days, from 1st June 1897.

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

Fraser, Captain 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 1889.</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 Superin- tending 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, Sur- vey 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, overstayed it by one day.</i>				
Poona	Asst. Supdt., 2nd grade, attach- ed 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	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.
<i>Elected for continuous Indian Service, 8th July 1896.</i>				
<i>Special leave for 2 months, from 3rd August 1896.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma	Asst. Supdt., 1st grade, attached to No. 24 Party (Upper Burma)	3rd Oct. 1896	Dy. Supdt., 2nd grade	...
<i>Promoted to Captain, 4th October 1896.</i>				
Quetta	Asst. Supdt., 1st grade, in charge No. 15 Party (Baluchistan)	2nd Nov. 1896	Dy. Supdt., 2nd grade	...
Ditto	Dy. Supdt., 2nd grade, ditto	4th Feb. 1897	.....	...
Bangalore	Ditto in charge No. 19 Party (Madras)	23rd Apl. 1897	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	24th June 1897,

War Services.—Served under General Wolsley, C.B., A.D.C., in the Wuntho Expedition, from 16th 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.

Sind	Asst. Supdt., 5th grade, Sind Rev. Survey	1st Aug. 1880
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Subsidiary leave, from 3rd January 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind . . .	Asst. Supdt., 5th grade, Sind Rev. Survey . . .	4th Jan. 1881	.....	...
Ditto . . .	Ditto 4th grade, ditto . . .	8th Nov. 1881	.....	...
Ditto . . .	Ditto, 3rd grade, ditto . . .	8th Nov. 1884	.....	...
<i>Privilege leave for 3 months, from 3rd August 1885, overstayed it by 4 days.</i>				
Sind . . .	Asst. Supdt., 3rd grade, Sind Rev. Survey . . .	7th Nov. 1885	.....	...
Ditto . . .	Ditto, 2nd grade, ditto . . .	12th Nov. 1887	.....	...
... . . .	Ditto ditto, Poona and Nnsik 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 18th 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 . . .	6th 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.
Bangoon . . .	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	.....	...
Ditto . . .	Ditto ditto . . .	...	Dy. Supdt., 1st grade	20th June 1896.
Ditto . . .	Ditto ditto . . .	1st Aug. 1896	.....	...
Ditto . . .	Ditto ditto . . .	...	Dy. Supdt., 1st grade	12th Dec. 1896.
Ditto . . .	Ditto ditto . . .	21st Dec. 1896	.....	...
Ditto . . .	Ditto ditto . . .	...	Dy. Supdt., 1st grade	19th Apl. 1897.

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	28th May 1896
...	Ditto ditto ditto . . .	5th Oct. 1896	.....	...
...	Ditto ditto ditto . . .	...	Dy. Supdt., 1st grade	13th Oct. 1896
...	Ditto ditto ditto . . .	18th Jan. 1897	.....	...
...	Ditto ditto ditto . . .	...	Dy. Supdt., 1st grade	4th Feb. 1897
...	Ditto ditto ditto . . .	16th Mar. 1897	.....	...
...	Ditto ditto ditto . . .	...	Dy. Supdt., 1st grade	17th Mar. 1897
<i>On special duty at Simla, from 13th to 31st May 1897.</i>				
<i>Furlough for 1 year, from 5th June 1897.</i>				

Core, 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 Estab- lishment	16th Aug. 1872	.....	...
...	Asst. Supdt., 2nd grade, Great Trigonometrical Survey .	25th Mar. 1873	.....	...
Dehra 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>				
Dohra 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 15th 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, 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 4th April 1896.</i>				
Dehra .	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys . .	5th Oct. 1896	.....	...
Ditto .	Ditto ditto . . . .	...	Supdt., 1st grade .	9th May 1886.

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 Kandahar to Kabul as Officer in charge of Survey; present at action of Ahmed Khel, near Ghazni, and of Urzu Shalez at Ghazni—Medal and clasp.

Hare, Lieutenant Humphrey John R.E.—Joined the service, 17th February 1888; arrived, 5th April 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieut. Royal Engineers .	17th Feb. 1888	.....	...
<i>On duty at the Royal Engineering Establishment, March 1888 to February 1890.</i>				
Amballa .	Attached to the Mily. Works Dept.	Apl. 1890	.....	...
...	Asst. Engr., 2nd grade, P. W. D., Railway	Oct. 1890	.....	...
Punjab .	Ditto ditto Frontier Rail- way Surveys	Oct. 1890	.....	...
Meanwalli .	Ditto ditto . Meanwalli- Mari Railway construction .	July 1891	.....	...
Punjab .	Ditto ditto Mari-Attack Railway Survey	Jan. 1892	.....	...
...	Ditto ditto ditto construction	Sept. 1892	.....	...
Solawa .	Ditto ditto N. W. Railway Improvement works	May 1893	.....	...
...	Asst. Engr., 1st grade (new 2nd grade, P. W. D.)	June 1893	.....	...
Lucknow .	Ditto ditto Oudh and Rohilkhund Railway	Oct. 1893	.....	...
...	Ditto ditto attached No. 2 Compy., Bengal Sappers and Miners	Jan. 1895	.....	...
...	Asst. Engr., new 1st grade, P. W. D.	Apl. 1895	.....	...

Leave out of India (m.c.), 15th October 1895 to 30th December 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Supdt., 2nd grade, Survey of India, attached to Head-quarters Office . . .	8th Jan. 1897	.....	...
Burma	Ditto ditto, attached to No. 20 Party (Burma) . .	14th Jan. 1897	.....	...
Ditto	Ditto, in charge ditto . .	13th May 1897	.....	...
Ditto	Ditto, 1st grade, ditto . .	10th June 1897	.....	...

War Services.—Waziristan Expedition and Tochi Valley Delimitation, 1895, as Company Officer 2nd Company, Bengal Sappers and Miners—Medal.

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	.....	...

Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873.

Buxa, Bhutan | Station Staff Officer . . . | 16th Mar. 1873 | | ...

Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April to 27th June 1873.

General leave for 4 months and 6 days, from 12th July 1873.

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.

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.

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	.....	...

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 1881.

Promoted to Captain, 13th January 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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	.....	...

Promoted to Brevet-Major, 1st July 1887.

Privilege leave for 3 months from 10th July 1887.

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.

Promoted to Major, 13th January 1889.

Upper Burma	Dy. Supdt., 3rd grade, in charge Upper Burma Topl. Party	4th Nov. 1890
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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.

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	.....	...

Privilege leave for 3 months, from 27th July 1894.

Promoted to Lieutenant-Colonel, 13th January 1895.

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	.....	...

Furlough on private affairs, from 26th January 1896 to 14th January 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Supdt., 2nd grade, attached to Head-quarters office . . .	18th Jan. 1897	.....	...
Ditto	Ditto ditto and	4th Feb. 1897	.....	...
Ditto	Asst. Surveyor General .	...	Dy. Surveyor General, in charge Revenue Branch . . .	19th Apl. 1897.
	Ditto ditto ditto .			

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	.....	...
Afgbanistan	Apptd. (on probn) to the Bengal Staff Corps . . .	3rd Aug. 1880	Wing Officer, 4th Goorkha Regt. . .	3rd Aug.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bukloh	Lieut. . . . .	...	Qr. Mr., 4th Goorkhas	23rd Dec. 1880.
Ditto	Lieut., Bengal Staff Corps, and Wing Officer, 4th Goorkhas	15th Sept. 1881	Qr. Mr. 4th Goorkhas	...
Ahmora	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, attached to Gujrat Party	23rd July 1884	Asst. Supdt., 1st grade	23rd July 1884.
<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	...	Supdt., 2nd grade	25th Jan. 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 60 days, from 24th June 1896.</i>				
Karachi	Supdt., 2nd grade, in charge No. 12 Party (Sind)	10th June 1897	.....	...

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

Holdich, Colonel Sir Thomas Hungerford, K.C.I.E., C.B., 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 Establishment	Oct. 1864	.....	...
Bhutan	Asst. to Officer in charge Field Survey Operations	1st Oct. 1865	.....	...
Rajputana	Asst. Surveyor, 2nd grade, Topl. Survey of India, Rajputana 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.

...	Asst. Surveyor, 1st grade	15th Dec. 1868	.....	...
Indore	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, Gwalior and Central India Topl. Survey	...	Dy. Supdt., 3rd grade	11th Aug. 1873.
Ditto	Ditto ditto	3rd Nov. 1873	.....	...
...	Ditto ditto in charge Vizagapatam Agency and Central Provinces Survey	15th Dec. 1873	Dy. Supdt., 3rd grade	15th Dec. 1873.

Promoted to Captain, 4th June 1876.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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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, overstayed it by 9 days.

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.

...	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.
...	...	...	.....	16th Aug. 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Furlough to England for 6 months, from 17th April 1891.</i>				
...	Dy. Supdt., 1st grade (sub-pro-tem.)	2nd Apl. 1891	.....	...
Quetta	Ditto in charge No. 15 Party (Baluchistan) and Simla Drawing Office.	16th Oct. 1891	.....	...
<i>Promoted to Brevet-Colonel, 1st September 1891.</i>				
...	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	.....	...
<i>Appointed a C.B. and C.I.E. in May 1894.</i>				
<i>On Special Duty as Survey Officer with the Kunar Valley Delimitation Commission under the political charge of Mr. Udny, C.S., 25th November 1894.</i>				
<i>Returned to India 23rd April 1895.</i>				
Simla	Supdt., 1st grade, in charge No. 15 Party (Baluchistan), and Simla Drawing Office	23rd April 1895	.....	...
...	Ditto, in charge Pamir Detachment	14th June 1895	.....	...
<i>On deputation, Foreign Department, as British Commissioner for the delimitation of the Perso-Baluch Boundary Commission, 15th January 1896.</i>				
Simla	Supdt. 1st grade, in charge Simla Drawing Office	1st Aug. 1896	.....	...
<i>Services temporarily placed at the disposal of the Government of Ceylon from 13th October to 20th December 1896.</i>				
...	Supdt. 1st grade	21st Dec. 1896	.....	...
<i>Privilege leave for 3 months, from 21st December 1896.</i>				
Calcutta	Supdt. 1st grade, attached to Head-quarters Office	24th Mar. 1897	.....	...
Simla	Supdt. 1st grade, in charge No. 15 Party (Baluchistan) and Simla Drawing Office	3rd Apl. 1897	.....	...
<i>Appointed a K.C.I.E. in June 1897.</i>				

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 Sberani 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.

Hume, Lieutenant Arthur Henry Bliss, R.E.—Joined the service, 23rd February 1894; arrived, 23rd March 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Posted to the Indian Establishment	23rd Feb. 1894	.....	...
Jhansi	Landed in India and attached to Mily. Works Dept., Jhansi Divn., Meerut Command	23rd Mar. 1894	.....	...
Bareilly	Attached to the Bareilly Division	15th May 1894	.....	...
...	Ditto ditto	...	Asst. Engr., 2nd grade	5th Mar. 1896.
Madras	Asst. Supdt., 2nd grade, Survey of India, attached to No. 19 Party (Madras)	24th Jan. 1897	.....	...
Ditto	Ditto ditto	18th Mar. 1897	.....	...
Ditto	in charge ditto	23rd Apl. 1897	.....	...
	Ditto ditto		.....	...
	attached to ditto		.....	...

Privilege leave for 3 months from 23rd April 1897.

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	.....	..
<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, ditto 5th Divn., Bengal	Nov. 1869	.....	..
Hooghly	Ditto, 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	.....	..
Cachar	Ditto ditto	1875	.....	..
Barrackpur	Ditto, 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	Ditto ditto 5th Divn., N.-W. P.	1st July 1877	.....	..
Banda	Ditto, ditto 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	13th 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	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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.
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, 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	.....	...
Bangalore .	Ditto ditto in charge			
	No. 9 Party (Madras) . . .	1st Nov. 1896	.....	...
Ditto .	Ditto ditto ditto . . .	...	Supdt. 1st grade .	2nd May 1897.

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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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 Command, Umballa Division	15th May 1889.
<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, ditto .	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. 23 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 ditto .	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>Europe and Asia Electro-Telegraph Longitude operations in England, Germany, and Persia connecting Greenwich and Madras, November, 1894 to April 1896.</i>				
<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	10th Jan. 1896.
<i>Furlough to Europe, on private affairs, from 30th May 1896, to 11th Mar. 1897.</i>				
...	Dy. Supdt., 1st grade	4th Feb. 1897	.....	...
Debra Dún .	Ditto, in charge Nos. 22 and 23 parties (Astronomical)	16th Mar. 1897	.....	...
Ditto .	Ditto ditto ditto .	...	In temporary charge of the Technical Offices of the Trigonometrical Branch .	17th Mar. 1897.

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	Asst. Surveyor, 2nd grade	...	Sub-Asst. Conservator of Forests, Forest Surveys	16th Oct. 1876.
Jorahpct	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	...	Dy. Supdt., Forest Surveys	5th Apl. to 5th July 1888.
...	Ditto ditto	6th July 1888	.....	...
...	Ditto ditto	...	Dy. Conservator of Forests, 4th grade	16th Aug. 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. 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 ... 1891 ⁸⁹ .
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 Mar. 1896.
<i>Furlough for 9 months, from 24th June 1897.</i>				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lientenant, Royal Engineers	2nd Feb. 1876	.....	...
...	Appointed to Indian Establishment	1st Nov. 1878	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from February 1876 to July 1878.</i>				

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, ditto	10th Jan. 1884	.....	...
Gorakhpur	Ditto 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 Survey 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 Survey 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, 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	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	.....	...
Ditto	Ditto ditto in charge ditto and No. 10 Party (Upper Burma)	15th Nov. 1896	.....	...
Calcutta	Supdt., 2nd grade . . . . .	...	Asst. Surveyor General	30th Apl. 1897.

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 1879; 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 Saidabad 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 1880; 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. Wuntho Expedition (Upper Burma), 1891. Medal and clasp.

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 Apl. 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. 1867	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
C. Provinces .	Asst. Surveyor, 1st grade, 2nd Division, Central Prov- inces	1st Apl. 1869	.....	...
<i>Privilege leave for 15 days, from 5th to 19th June 1869, overstayed it by 5 days.</i>				
C. Provinces .	Asst. Surveyor, 1st grade, 2nd Division, Central Prov- inces	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 Prov- inces	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 Delhi	Ditto, on special duty	1st Nov. 1874	.....	...
Ditto	Ditto, Delhi and Hissar subsequently called "2nd Divi- sion, Gurgaon Survey"	1st April 1875	.....	...
Ditto	Ditto, 3rd grade, 2nd Divi- sion, afterwards called "Sirsa and Rohtak Districts Survey"	1st Jan. 1878	.....	...
Calcutta . . .	Surveyor, 3rd grade, on duty, Head-quarters Office	1st April 1878	.....	...
Burma	Ditto, 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, ditto No. 6 Party, Jaunpore Survey	18th Oct. 1879	.....	...
Calcutta . . .	Ditto, ditto Hoogly River Survey	1st Nov. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	23rd Sept. 1883	.. . .	...
Assam	Ditto, ditto, No. 6 Party, Assam	1st Oct. 1883	.....	...
Basti	Ditto, ditto, No. 4 Party Basti	1st Nov. 1884	.....	...
Punjab	Ditto, ditto, No. 1 Party (Punjab)	14th Oct. 1885	.....	...
Ditto	Ditto, 1st grade, No. 1 Party (Punjab)	24th Nov. 1887	.....	...
Ditto	Ditto ditto in tempo- rary charge No. 1 Party (Punjab)	1st Nov. 1888	.....	...
Ditto	Ditto, ditto, attached to ditto	16th Jan. 1889	.....	...
Ditto	Ditto, ditto, in charge ditto	1st Dec. 1889	.....	...
Ditto	Ditto, ditto, in charge Indus Riverain Detachment	1st Nov. 1890	.....	...
Bihar	Ditto, ditto, in charge Bihar Detachment	1st Nov. 1891	.....	...
Ditto	Asst. Supdt., 2nd grade, ditto	1st April 1892	Asst. Supdt., 1st grade	1st April 1892.
Ditto	Ditto ditto ditto, and in charge Burdwan De- tachment	5th July 1892	Ditto 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	...
Naini 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., 2-d grade	25th Jan. 1896.
Ditto . .	Ditto ditto ditto	20th Mar. 1896	.....	...
Ditto . .	Ditto ditto ditto	...	Dy. Supdt., 2nd grade	28th Mar. 1896.
Ditto . .	Dy. Supdt., 2nd grade, ditto	10th June 1897	.....	...

Pilcher, Captain 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 attached to No. 4 Party (Bihar)	1st Oct. 1892	.....	...
...	Ditto ditto	...	Asst. Supdt., 1st grade	16th July 1893.
Mussoorie	Ditto 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.) 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 26th April 1896.</i>				
Poona	Asst. Supdt., 1st grade, in charge No. 10 Party (Bombay)	...	Dy. Supdt., 2nd grade	28th May 1896.
<i>Medical leave for 6 months from 6th July 1896.</i>				
<i>Promoted to Captain, 8th September 1896.</i>				
Burma	Asst. Supdt., 1st grade, attached to No. 10 Party (Upper Burma)	1st Dec. 1896	Dy. Supdt., 2nd grade	1st Dec. 1896.
Ditto	Ditto ditto ditto	18th Jan. 1897	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 2nd grade	4th Feb. 1897.
Ditto	Ditto ditto in charge Nos. 10 and 21 Parties (Upper Burma)	15th April 1897	Ditto ditto	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieutenant, 2nd Battalion, Lincolnshire Regiment	14th Sept. 1887	.....	...

On duty at the Royal Military College, Sandhurst, from 1st September 1896 to 15th July 1897.

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	.....	...
Fyzabad	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	11th June 1896.
Ditto	Ditto ditto, attached to Simla Drawing Office	16th June 1896	Ditto ditto	...
<i>Privilege leave for 2 months and 18 days, from 22nd July 1896.</i>				
Quetta	Asst. Supdt., 2nd grade, attached to No. 15 Party (Baluchistan)	17th Oct. 1896	Asst. Supdt., 1st grade	...
Ditto	Asst. Supdt., 1st grade ditto ditto	1st Mar. 1897	.....	...
Ditto	Ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	24th June 1897.

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 ditto, on duty Central Office	19th Dec. 1881	.....	...
Madras	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. 1886.
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. Offices	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 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. Offices	18th Aug. 1893.
Ditto	Ditto ditto ditto	27th Oct. 1893	.....	...
Ditto	Ditto ditto ditto	...	Asst. Surveyor-General, in charge Photo.-Litho. Offices	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>				
Calcutta	Dy. Supdt., 1st grade, attached to Head-quarters Office	...	Supdt. 2nd grade, and Asst. Surveyor-General in charge Photo-Litho. Offices.	9th May 1897.
Ditto	Ditto ditto, and Asst. Surveyor-General in charge Photo-Litho. Offices	10th June 1897	Supdt., 2nd grade	...

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	.....	...
Roorkee	Attached to the Bengal Sappers and Miners	4th Apl. 1885	.....	...
...	Lieutenant	...	Asst. Engr., 2nd grade (sub. <i>pro tem.</i>), Mily. Works Dept.	23rd Sept. 1885.
...	Asst. Engr., 2nd grade, Mily. Works Dept.	4th Mar. 1886	.....	...
...	Ditto ditto	...	Asst. Engr., 1st grade (sub. <i>pro tem.</i>), 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.	Asst. Supdt., 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 (sub. pro tem.)	2nd Apl. 1891	.....	...
...	Ditto ditto	...	Dy. Supdt., 3rd grade	11th June 1891.
Upper Burma.	Ditto, ditto in charge No. 11 Party (Upper Burma)	1st July 1891	Ditto ditto	...

Promoted to Captain, 13th August 1891.

Upper Burma.	Dy. Supdt., 4th grade (confirmed), in charge No. 11 Party (Upper Burma)	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 ditto	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 of No. 21 Party on 20th July 1892.

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

...	Dy. Supd., 2nd grade	18th Aug. 1892	Dy. Supdt., 1st grade	...
Upper Burma.	Ditto, 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 Apl. 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, 1887-99; 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.</i>				
<i>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. 18 7	.....	...
<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, Survey 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	10th Jan. 1896.
Ditto	Ditto 2nd grade, ditto	4th Feb. 1897	.....	.....

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

Robertson, Capt. 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 Establt. .	25th Sept. 1888	.....	...
...	Pombay Sappers and Miners .	24th Oct. 1888	.....	...
...	Attached to the Office of Insp. Genl., Mily. Works	11th June 1889	.....	...
Sukkur .	Attached to Mily. Works Dept., Sukkar 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. 1891.
<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>				
...	Asst. Supdt., 2nd grade . . . . .	...	Asst. Supdt., 1st grade	26th Mar. 1895.
Simla .	Ditto ditto, in charge No. 18 Party (Himalaya)	2nd July 1895	Ditto ditto . . . . .	...
<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	.....	...
<i>Made over charge of No. 21 Party (Upper Burma), 30th October 1896.</i>				
Simla .	Asst. Supdt., 1st grade, in charge No. 18 Party (Hima- laya)	12th Nov. 1895	.....	...
<i>Promoted to Captain, 31st December 1896,</i>				
Do. .	Asst. Supdt. 1st grade, in charge No. 18 Party (Hima- laya) . . . . .	...	Dy. Supdt., 2nd grade	19th Apl. 1897.

Ryder, Capt. 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 Estab- lishment	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 obarge	3rd Oct. 1894	Ditto ditto	...
<i>Served as Survey Officer attached to the Mekong Commission from 4th November 1894, to 17th May 1895.</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 25th 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	10th Jan. 1896.
<i>Promoted to Captain, 31st Decemr 1896.</i>				
Madras	Dy. Supdt., 2nd grade, in charge No. 19 Party (Madras)	1st Mar. 1897	.....	...
<i>Furlough for 2 years, from 20th March 1897.</i>				

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, 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, 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	.....	...
Arrah	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., in charge British Cadastral 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.
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Promoted to Lieutenant-Colonel, 7th June 1887.

Privilege leave for 3 months, from 11th July 1887, overstayed it by 3 days.

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, ditto	31st Mar. 1891	.. ...	...

Privilege leave for 3 months, from 30th June 1891.

Naini Tal	Dy. Supdt., 1st grade, in charge No. 5 Party (N.-W. P.)	1st Oct. 1891	.....	...
Cuttack	Ditto, ditto, in charge No. 8 Party (Orissa)	28th Nov. 1891	.....	...
Calcutta and Cuttack.	Ditto, ditto on Special duty	12th Jan. 1892	.....	...
Bengal	Ditto, ditto, ditto	8th Mar. 1892	.....	...
Ditto	Ditto, ditto, and Director of Bengal Surveys	1st April 1892	.....	...

Furlough out of India on private affairs for 6 months, from 18th April 1892.

...	Supdt., 1st grade, and Director of Bengal Surveys	18th Aug. 1892	.....	...
Bengal.	Ditto, ditto	20th Oct. 1892	.....	...

Promoted to Colonel, 29th August 1893.

Privilege leave for one month and 29 days, from 8th August 1894.

Calcutta	Dy. Surveyor-General, in charge Revenue Branch, and Director, Bengal Surveys	26th Mar. 1895
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Special leave for 5 months and 24 days, from 4th May to 27th October 1895.

Calcutta	Dy Surveyor-General, in charge Revenue Branch	28th Oct. 1895
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Furlough for 1 year and 125 days, from 1st May 1897.

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>				
Simla	Asst. Supdt., 2nd grade	10th Nov. 1884	Asst. Supdt., 1st grade	10th Nov. 1884
Central Provinces	Ditto, ditto on deputation to Q.-M. G.'s Department.	Jan. 1885	Ditto, ditto	..
...	Ditto, 2nd grade, Bilaspur Dist. (C. P.), Cadl. Survey	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 Khas 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.
Kyaukse	Asst. Supdt., 1st grade, in charge No. 3 Party (Kyaukse)	24th Oct. 1889	Dy. Supdt., 4th grade	...
Ditto	Dy. Supdt., 4th grade, ditto	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.

Furlough to Europe on private affairs for 6 months, from 18th June 1891.

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	.....	...
...	Ditto, ditto	...	Supdt., 2nd grade	20th June 1896.
...	Ditto, ditto	1st Aug. 1896	.....	...
...	Ditto, ditto	...	Supdt., 2nd grade	12th Dec. 1896.
...	Ditto, ditto	21st Dec. 1896	.....	...
...	Ditto, ditto	...	Supdt., 2nd grade	19th Apl. 1897.

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 Allahi ul; 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 Peshawar district; fired on by Hassan 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 Surak and Fattahabad; 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 Zhob 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, Alfred Edward.—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 Famines 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. 1325-P, 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, 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	...

Privilege leave for 1 month and 12 days, from 12th October to 23rd November 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Supdt., 1st grade . . .	12th Oct. 1892	.....	..
Mandalay	Ditto, ditto, attached to No. 3 Party (Mandalay) . . .	24th Nov. 1892	.....	..
Ditto	Ditto, ditto . . .	.....	In temporary charge No. 12 Party (Magwe).	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	.....	..
Ditto	Ditto, ditto, Asst. Surveyor-General . . .	22nd Jan. 1897	.....	..
Ditto	Ditto, ditto . . .	...	Dy. Supdt., 1st grade	9th May 1897.

Strahan, Major-General 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 Bengl) 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>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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Promoted to Captain, 20th August 1872.

Central India	Dy. Supdt., 3rd grade, in charge Central India Topl. Survey	Dy. Supdt., 2nd grade, Topl. Survey .	4th Jan. 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	.....	...

Served as Survey Officer with the Peshawar Field Force in Afghanistan from March to June 1879.

...	Dy. Supdt., 3rd grade .	...	Dy. Supdt., 2nd grade, Topl. Survey .	1st Nov. 1879.
Dehra .	Ditto, ditto .	14th Mar. 1880	.....	...

Furlough to Europe for 6 months and 15 days, from 27th March 1880.

Rajputana .	Dy. Supdt., 3rd grade, in charge Rajputana Survey .	11th Oct. 1880	.....	...
...	Ditto, ditto .	...	Dy. Supdt., 2nd grade	18th Oct. 1880.

Promoted to Brevet-Major, 2nd March 1881.

Promoted to Major, 1st July 1884.

Calcutta .	Dy. Supdt., 3rd grade .	...	Asst. Surveyor-General	24th July 1883.
Ditto .	Ditto, 2nd grade .	10th Jan. 1884	Ditto .	...
Ditto .	Ditto, ditto, and Asst.	...	.....	...
Ditto .	Surveyor-General .	23rd May 1884	.....	...
Ditto .	Ditto, ditto .	...	Dy. Supdt., 1st grade	3rd Dec. 1884.

On Special Duty to Madras from 18th April to 4th May 1886.

Furlough to Europe for 1 year, 5 months and 20 days, from 4th May 1886.

Calcutta .	Dy. Supdt., 2nd grade, and Asst. Surveyor-General .	24th Oct. 1887
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Promoted to half-pay Lieutenant-Colonel, 1st July 1888.

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 .	20th Oct. 1889.

Promoted to Regimental Lieutenant-Colonel, 10th December 1889.

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	.....	...

Promoted to Colonel, 12th April 1893.

Privilege leave for 3 months, from 4th July 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar . . .	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	.....	...
Ditto . . .	Ditto, ditto, ditto . . .	...	Dy. Supdt., 2nd grade	20th June 1896.
Ditto . . .	Ditto, ditto, ditto . . .	5th Oct. 1896	.....	...
Ditto . . .	Ditto, ditto, ditto . . .	...	Dy. Supdt., 2nd grade	13th Oct. 1896.
Ditto . . .	Ditto, ditto, ditto . . .	1st Dec. 1896	.....	...
Ditto . . .	Ditto, ditto, ditto . . .	...	Dy. Supdt., 2nd grade	12th Dec. 1896.
Ditto . . .	Ditto, ditto, ditto . . .	21st Dec. 1896	.....	...
Ditto . . .	Ditto, ditto, ditto . . .	...	Supdt. of Settlement Surveys in Bengal .	12th Feb. 1897.
Ditto . . .	Ditto, ditto, ditto . . .	...	Dy. Supdt., 2nd grade and ditto .	1st Mar. 1897.
Ditto . . .	Ditto, ditto, ditto . . .	16th Mar. 1897	Supdt. of Settlement Surveys in Bengal .	...
Ditto . . .	Ditto, ditto, ditto . . .	...	Dy. Supdt., 2nd grade	17th Mar. 1897.

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

Turner, Lieutenant Horace Harrison, R.E.—Joined the service, 23rd November 1889; arrived, 29th March 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	23rd Nov. 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Posted to the Indian Establishment	2nd Mar. 1892	...	...
Manora	Attached to Military Works Department, Karachi Division	6th Apl. 1892	.....	...
Ditto	Ditto, ditto	...	Asst. Engr., 2nd grade.	8th Jan. 1893.
Zhob	Ditto, Zhob Division	20th July 1893	Ditto ditto	...
Quetta	Ditto, Quetta ditto	19th Feb. 1894	Ditto ditto	...
<i>Privilege leave for 85 days, from 10th December 1894.</i>				
Quetta	Asst. Engineer, 2nd grade, Military Works	26th Sept. 1894	.....	...
Wano	Ditto, ditto	...	Asst. Engr., 3rd grade, Public Works Department	7th Apl. 1895.
Dera Ismail Khan.	Asst. Engineer, 1st grade, Military Works	29th Feb. 1896	Ditto, ditto	...
<i>Language leave for 3 months, from 13th July 1896.</i>				
Dera Ismail Khan.	Asst. Engineer, 1st grade, Military Works	...	Asst. Engr., 2nd grade, Public Works Department	26th Sept. 1896.
Dehra Dun	Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party	22nd Apl. 1897	.....	...

Wahab, Brevet-Lieut.-Colonel Robert Alexander, C.I.E., 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 Establishment	1st Jan. 1876	.....	...
Bangalore	Attached to Sappers and Miners	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, ditto	...	Dy. Supdt., 4th grade	26th Aug. 1884.
...	Ditto, 1st grade	1st Sept. 1884	Ditto, ditto	...
...	Ditto, ditto, in charge ditto	14th Sept. 1884	Ditto, ditto	...
Baluchistan	Ditto, ditto, in charge No. 3 Topographical Party, Baluchistan Survey	17th Dec. 1884	Ditto, ditto	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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, Gorakhpur District (Cadastral) Survey	8th Nov. 1885	Dy. Supdt., 4th grade	...
Simla	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 1889.</i>				
...	Dy. Supdt., 4th grade, Hazara Field Force	...	Dy. Supdt., 3rd grade	15th Nov. 1888.
Dehra	Ditto, 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, Trigonometrical Branch Office	...	Dy. Supdt., 3rd grade	30th Nov. 1890.
<i>Served as Survey Officer with the Miranzai Field Force, January and February 1891.</i>				
<i>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	.....	...
Simla	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	...	...
<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 (Himalayn)	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, ditto, attached to Pamir Detachment	14th June 1895	Ditto, ditto	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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 for 1 year, from 26th June 1896 ; extension for 4 months.</i>				
...	Supdt., 2nd grade (on furlough)	12th Dec. 1896	.....	...
<i>Appointed a C. I. E. in June 1897.</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.

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.	.....	...
Massoree	Ast. Supdt., 2nd grade, No. 4 Party, Topl. Survey	18th July 1871	.....	...
Shillong	Ditto, ditto, No. 6 Topl. Party, Khasi 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, Khasi 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	.....	...
<i>Privilege leave for 3 months, from 17th July 1874.</i>				
Shillong	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasi and Garo Hills Survey	17th Oct. 1874	.....	...
Ditto	Ditto, ditto, in charge Naga Hills Survey	1st Jan. 1875	.....	...
Ditto	Ditto, ditto, No. 6 Topl. Party, Khasi and Garo Hills Sur- vey	24th April 1875	.....	...
Calcutta	Ditto, ditto, and Asst. Sur- veyor-General, in charge Lithographic Branch	July to 31st Oct. 1875.	.....	...
Shillong	Ditto, ditto, in charge Naga Hills Survey	1st Nov. 1875	.....	...
<i>Appointed Political Officer with the Survey on death of Captain Butler, Political Agent, in January 1876.</i>				
Shillong	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasi and Garo Hills Survey	1st April 1876	.....	...
Dibrugarh	Ditto, ditto, in charge North Lakhimpur Topl. Survey	1st Nov. 1876	.....	...
Shillong	Ditto, ditto, No. 6 Topl. Party, Khasi and Garo Hills Survey	1st Dec. 1876	.....	..
Lakhimpur	Ditto, ditto, in charge North Brahmaputra Topl. Survey	1st Oct. 1877	.....	...
<i>Promoted to Captain, 22nd May 1878.</i>				
Lakhimpur	Asst. Supdt., 2nd grade, in charge North Brahmaputra Topl. Survey . . . . .	...	Asst. Supdt., 1st grade	28th May 1878.
Shillong	Ditto, ditto, No. 6 Topl. Party, Khasi and Garo Hills Survey	1st July 1878	Ditto ditto	...
Ditto	Ditto, ditto, ditto	12th Aug. 1878	.....	...
...	Ditto, ditto, 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	.....	...
<i>Promoted to Brevet-Major, 22nd November 1879.</i>				
<i>Furlough on private affairs for one year, from 30th October 1880.</i>				
<i>Promoted to Brevet-Lieutenant-Colonel, 2nd March 1881.</i>				
Sylhet	Asst. Supdt., 2nd grade, No. 6 Topl. Party, Khasi 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, Khasi and Garo Hills Survey	3rd Dec. 1881	Ditto, ditto . . . . .	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sylhet .	Asst. Supdt., 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.
<i>Privilege leave for 2 months and 26 days, from 25th June 1884.</i>				
Shillong .	Dy. Supdt., 4th grade, in charge No. 6 Topl. Party, North-East Frontier Survey.	28th Nov. 1884	.....	...
<i>Promoted to Colonel, 2nd March 1885.</i>				
...	Dy. Supdt., 4th grade, on special duty with the Gilgit Mission	25th May 1885	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	21st Mar. 1886.
...	Ditto, ditto, in charge Kubo Valley Detachment .	1st Oct. 1886 to 30th Nov. 1887.	Ditto, ditto	...
<i>Made a C.B. in November 1887.</i>				
<i>Privilege leave for 3 months, from 4th December 1887.</i>				
<i>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.</i>				
<i>Furlough for 4 months, from 10th October 1888.</i>				
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, 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.
<i>Made over charge of No. 21 Party, 20th October 1892.</i>				
Bangalore .	Dy. Supdt., 1st grade, in charge Anglo-Siamese Boundary Commission Survey Party .	1st Dec. 1892	Supdt., 2nd grade .	...
Mandalay .	Ditto, ditto, in charge No. 11 Party (Upper Burma) .	...	Ditto ditto .	...
<i>Privilege leave for 1 month, from 12th September 1893.</i>				
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	.....	...
<i>Privilege leave for 1 month, from 3rd October 1894, recalled to duty 24th October 1894, served as Survey Officer with the Mekong Commission, from 1st November 1894 to 14th June 1895.</i>				
Mandalay .	Supdt., 2nd grade . . . . .	...	Supdt., 1st grade .	23rd Apl. 1895.
<i>Furlough for 2 years, from 16th September 1895.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Supdt., 1st grade (on furlough)	1st June 1897.	.....	...

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 28th 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 1886-86, 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.

Adams, William Frederic Edward.—Joined the service, 26th August 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Probationary Asst. Surveyor, 3rd grade, attached to No. 10 Party, Topl. Survey . . .	26th Aug. 1889	.....	..
Ditto	Asst. Surveyor, 3rd grade, ditto	26th Aug. 1890	.....	..
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey .	21st Oct. 1891	.....	..
Ditto	Ditto, 2nd grade, ditto	8th Nov. 1892	.....	..
Ditto	Sub-Asst. Supdt., 2nd grade ditto, ditto . . .	18th Aug. 1892	.....	..
Ditto	Ditto, 3rd grade (reorganisation), ditto, ditto, . . .	23rd May 1893	.....	..
Ditto	Ditto, 2nd grade, ditto, ditto . . .	15th Nov. 1893	.....	..
Ditto	Ditto, 1st grade ditto, ditto . . .	21st Mar. 1897	.....	..

Ahmed Ali, Khan Bahadur.—Joined the service, 1st December 1867.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Hazribagh	Sub-Surveyor	1st Dec. 1867 to Nov. 1896	.....	..
Baluchistan	Proby, Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topogl. Survey . . .	15th Nov. 1896	.....	..

War Services.—Season 1878-79. Afghan war with Peshawar Field Force.

From season 1879-80 to season 1884-85. Indus Kishanganga Valley and Gilgit Survey.

Season 1885-86. Exploration from Nuskhi to Afghan Sistan *via* Helmand Valley.

Season 1888-89. Exploration from Kharan to Ladis (Persian Baluchistan) and from Ladis to Kharan.

Season 1889-90 Gilgit Frontier Survey with Gilgit Mission.

Season 1890-91. Exploration from Panjgur to Persian Sistan *via* Ladis (Persian Baluchistan) and from Persian Sistan to Kharan *via* Helmand Valley.

Season 1892-93. Exploration from Gwadar to Bampur (Persian Baluchistan) *via* Bahukalat and from Bampur to Gwadar *via* Chabar north of Persian Gulf.

Season 1895-96. With Perso-Baluch Boundary Commission. Surveyed from Kuhak to Malik Siah Koh.

Granted the title of Khan Bahadur, 25th May 1892.

Received special reward of Rs500 from Commander-in-Chief on 24th October 1892.

Amar Singh.—Joined the service, 8th April 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Simla . .	Computer, attached to the Meteorological Department .	8th Apl. 1885	... ..	...
<i>Leave without allowances from 28th November to 15th December 1885.</i>				
Calcutta .	Sub-Asst. Supdt., 3rd grade, attached to Head-Quarters Office	18th Sept. 1893	.....
Lower Burma.	Ditto, ditto, attached to No. 7 Party, Cadl. Survey.	1st Nov. 1893	.....	...
Ditto . .	Ditto, 3rd grade, ditto .	18th Sept. 1894	.....	...
Ditto . .	Ditto, 2nd grade, ditto .	8th June 1896	.....	...
<i>Privilege leave for 2 months, from 12th April 1897; extension for 1 month.</i>				

Anderson, Percival Robert.—Joined the service, 27th November 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Probationary Sub-Asst. Supdt., 3rd grade, attached to No. 21 Party, Topl. Survey . . .	27th Nov. 1896	.....	...

Aulad Hussein.—Joined the service, 2nd February 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun .	Computer, attached to Computing Office	2nd Feb. 1891	.....	...
Madras . .	Probationary Asst. Surveyor, 3rd grade, attached to No. 22 Party, Astronomical Survey	13th Nov. 1891	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras	Probationary Sub-Asst. Supdt., 3rd grade, attached No. 22 Party, Astronomical Survey	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto	13th Nov. 1892	.....	...
Asia and Europe	Ditto, 2nd grade, ditto, ditto	27th Mar. 1895	.....	...
N.W. P. and Oudh	Ditto, ditto, attached to No. 8 Party, Rev. Survey	28th Nov. 1896	.....	...

Babonau, Thomas Walter (Jr.).—Joined the service, 15th January 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
North-West Provinces, Ajmere, and Central Provinces	Asst. Surveyor, 3rd grade, attached to No. 3 Party, Rev. Branch	15th Jan. 1884	.....	...
Central Prov- inces Ditto	Ditto, 2nd grade, ditto Ditto, ditto, attached to No. 13 Party, Rev. Branch, Traverse Survey	1st April 1887 1st May 1887	..........	......
<i>Privilege leave for 3 months, from 1st September to 30th November 1887.</i>				
Central Prov- inces	Asst. Surveyor, 2nd grade, attached to No. 13 Party, Rev. Branch, Traverse Survey	1st Dec. 1887	.....	...
<i>Extraordinary leave without pay from 9th April to 21st November 1889.</i>				
Lower Burma.	Asst. Surveyor, 2nd grade, No. 12 Party, Revenue Branch, Traverse and Cadastral	22nd Nov. 1889	.....	...
<i>Subsidiary leave on full pay from 30th June to 15th July 1892.</i>				
<i>Leave on private affairs from 30th June to 20th December 1892.</i>				
Lower Burma Ditto	Sub-Asst. Supdt., 2nd grade	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 1st grade	31st Dec. 1892	.....	...
Ditto	Sub-Asst. Supdt. 1st grade, attached to No. 7 Party, Rev. Branch, Cadl. Survey	1st Jan. 1893	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, (reorganisation), ditto, ditto	23rd May 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Sub-Asst. Supdt., 2nd grade, attached to Head-Quarters Office	1st Oct. 1893	.....	...
On recruitment duty at Hazaribagh from 6th October to 15th November 1893.				
On recruitment duty at Hazaribagh from 15th September to 26th November 1894.				
<i>Privilege leave for 26 days, from 27th November 1894.</i>				
Calcutta	Sub-Asst. Supdt., 2nd grade attached to Head-Quarters Office	28th Dec 1894	.....	...
Lower Burma.	Ditto, ditto, No. 7 Party, Rev. Branch, Cadl. Survey	29th May 1895	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto, ditto	8th June 1896	.....	...
<i>Privilege leave from 30th September to 20th November 1896.</i>				
Lower Burma.	Sub-Asst. Supdt., 1st grade, No. 7 Party, Rev. Branch, Cadl. Survey	21st Nov. 1896	.....	...

Baker, William John.—Joined the service, 25th January 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Probationary Asst. Surveyor, 3rd grade, attached to No. 3 Party, Revenue Survey	25th Jan. 1888	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	25th Jan. 1889	.....	...
Upper Burma.	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	10th Oct. 1889	.....	...
<i>Privilege leave for 26 days, from 13th October to 12th November 1889.</i>				
Upper Burma	Asst. Surveyor, 2nd grade, attached to No. 3 Party, Cadastral Survey	5th May 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	16th Aug. 1892	.....	...
<i>Privilege leave for 3 months and 11 days, from 21st August to 30th November 1893.</i>				
Upper Burma	Sub-Asst. Supdt., 1st grade, attached to No. 3 Party, Cadastral Survey	13th Oct. 1896	.. ...	...

Barckley, William Cyclone Groeme,—Joined the service, 1st December 1871.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Surveyor, 4th grade, attached to Head-Quarters Office	1st Dec. 1871	.....	...
.....	Ditto, ditto, attached to No. 2 Party, Topl. Survey	31st Dec. 1871	.....	...
.....	Ditto, 3rd grade, ditto	1st Feb. 1874	.....	...
<i>Leave to England on full pay for 1 year, 10 months and 26 days, from 7th April 1876.</i>				
.....	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Topl. Survey	20th Mar. 1878	.....	...
.....	Ditto, 2nd grade, ditto	1st April 1881	.....	...
Bengal	Ditto, ditto, attached to Darjeeling Topl. Survey	12th Sept. 1881	.....	...
Beluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Oct. 1885	.....	...
Ditto	Ditto, 1st grade, ditto	1st March 1888	.....	...
Central Provinces	Ditto, ditto, attached to No. 9 Party, Topl. Survey	16th Feb. 1890	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st April 1890	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	15th May 1890	.....	...
Ditto	Ditto, ditto	.....	Surveyor, 4th grade,	22nd Apl. 1892.
Ditto	Asst. Surveyor, 1st grade, ditto	25th June 1892	.....	...
Ditto	Surveyor, 4th grade, ditto	13th Sept. 1892	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	.....	...
<i>Privilege leave for 1 month, from 20th September 1892.</i>				
Upper Burma	Extra Asst. Supdt., 4th grade, attached to No. 21 Party, Topl. Survey	20th Oct. 1892	.....	...
<i>Suspended from office for 3 days in May 1893.</i>				
Upper Burma	Extra Asst. Supdt., 6th grade (reorganisation), attached to No. 21 Party, Topl. Survey	23rd May 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	19th Oct. 1893	.....	...
<i>Privilege leave 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	.....	...
<i>Privilege leave from 4th August 1896. Recalled to duty, 7th September 1896.</i>				
Madras	Extra Asst. Supdt., 6th grade, attached to No. 9 Party, Topl. (Forest) Survey	9th Sept. 1896	.....	...

Barker, James Alexander.—Joined the service, 18th September 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Chota Nagpore	Sub-Asst. Surveyor, 3rd class, attached to No. 4 Party, Topl. Survey	18th Sept. 1865	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto, ditto	1st Oct. 1866	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Oct. 1868	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Oct. 1871	.....	...
Bhopal and Malwa	Ditto, ditto, attached to No. 5 Party, Topl. Survey	1875	.....	...
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Oct. 1876	.....	...
Ditto	Ditto, ditto	...	Asst. Surveyor, 1st grade	1st Apl. 1877.
Ditto	Ditto, ditto	...	Temporarily attached to P. W. D. on Famine Relief Work	1st Nov. 1877.
Ditto	Ditto, 1st grade, attached to No. 8 Party, Topl. Survey	1st Jan. 1878	Ditto ditto	...
Bombay	Ditto, ditto, attached to No. 2 Party, Khandesh and Native States Topl. Survey	1st June 1878	.....	...
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Nov. 1884	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	1st July 1885.
Ditto	Ditto, ditto	1st Aug. 1885	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	1st July 1886.
Ditto	Ditto, ditto	...	.....	...
Ditto	Surveyor, 4th grade, attached to No. 8 Party, Topl. Survey	1st Aug. 1886	.....	...
Lower Burma	Ditto, ditto, attached to No. 7 Party, Cadastral Survey	1st Oct. 1886	.....	...
Ditto	Ditto, ditto, attached to No. 20 Party, Topl. (Forest) Survey	1st Dec. 1887	.....	...
Ditto	Ditto, ditto	...	In temporary charge No. 20 Party, Topl. (Forest) Survey	21st Sept. 1890.
Ditto	Ditto, ditto, attached to No. 20 Party, Topl. (Forest) Survey	15th Nov. 1890	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	8th Nov. 1892	.....	...
Litto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
<i>Sick leave for 8 days, from 19th to 26th 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>				
Calcutta	Extra Asst. Supdt., 4th grade, attached to Head-Quarters Office	26th Nov. 1895	.....	...
<i>Privilege leave for 2 months, from 19th April 1897.</i>				

Barker, Joshua Paul.—Joined the service, 23rd December 1883.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Punjab	Proby. Asst. Surveyor, 3rd grade, attached to No. 1 Party, Rev. Survey	23rd Dec. 1883	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	23rd Dec. 1884	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto	1st Aug. 1886	.....	...
Central Provinces	Ditto, ditto, attached to No. 2 Party, Rev. Survey	9th Oct. 1886	.....	...
Bengal	Ditto, ditto, attached to the Burdwan Raj Cadastral Survey	31st Oct. 1888	.....	...
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	30th Nov. 1889	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto	17th Mar. 1892	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt. 2nd grade (reorganisation), ditto	23rd May 1893	.....	...
Bihar	ditto, ditto, attached to No. 2 & 8 Parties, Cadl. Survey	30th Sept. 1893	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	1st Nov. 1893	.....	...

Privilege leave for 3 months, from 17th June 1894.

Bihar	Sub-Asst. Supdt., 1st grade, attached to Nos. 4 & 5 Parties, Cadl. Survey	1st Oct. 1894	.....	...
Chota Nagpur	Ditto, ditto, in charge Singbhum Cadl. Detachment	1st Jan. 1896	.....	...
Bihar	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	5th Oct. 1896	.....	...
Poona	Ditto, ditto, attached to No. 25 Party, Tidal & Levelling	2nd Jan. 1897

Privilege leave for 2 months and 22 days, from 22nd March 1897.

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Bedford, Nolan.—Joined the service, 10th January 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Proby. Asst. Surveyor, 3rd grade, attached to No. 5 Party, Revenue and Cadl. Survey	10th Jan. 1884	.....	...
Ditto	Asst. Surveyor, 3rd grade, attached to No. 5 Party, Revenue and Cadl. Survey	10th Jan. 1885	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Apl. 1889	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1892	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...
Bengal	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	1st Nov. 1892	.....	...
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Apl. 1893	.....	...
Bengal	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	15th Nov. 1893	.....	...
N.-W. P.	Ditto, ditto, on deputation, Settlement Department	1st Nov. 1894	.....	...

Beechey, P.—Joined the service, 1st December 1882.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Supernumerary Assistant Surveyor, Trigonometrical Branch, Survey of India	1st Dec. 1882	.....	...
Ditto	Assistant Surveyor, 3rd grade, Trigonometrical Branch	22nd Jan. 1883	.....	...
Mussooree	Assistant Surveyor, 3rd grade, Central India and Rajputana Topographical Survey	1st Feb. 1884	.....	...
Ditto	Assistant Surveyor, 2nd grade, Rajputana Topl. Survey	1st Apl. 1886	.....	...
Ditto	Assistant Surveyor, 2nd grade, Ajmere Detachment, Cadl. Survey Party	1st Oct. 1886	.....	...
Akyab	Assistant Surveyor, 2nd grade, No. 7 Akyab Cadastral Survey Party	1st Nov. 1886	.....	...
Rangoon	Assistant Surveyor, 2nd grade, No. 7 Cadastral Survey Party	1st Nov. 1887	.....	...
<i>Privilege leave for 1 month and 26th days, from 5th August to 30th September 1889.</i>				
Rangoon	Assistant Surveyor, 2nd grade, No. 20 Topographical Party, working in Toungoo Forest Surveys, in charge of Traverse Camp	1st Oct. 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bassein	Assistant Surveyor, 2nd grade	...	Superintendent of Land Records	8th June 1890.
Ditto	Assistant Surveyor, 1st grade	13th May 1891	Ditto	Ditto.
Ditto	Sub-Assistant Superintendent, 1st grade, Survey of India	18th Aug. 1892	Ditto	Ditto.
Ditto	Ditto, ditto, on deputation as Superintendent, Land Records, 5th grade	1st May 1893	.....	...
<i>Privilege leave for 3 months, from 3rd October 1893.</i>				
Passein	Sub-Assistant Superintendent, 1st grade, Survey of India, on deputation as Superintendent, Land Records, 4th grade	7th May 1894	.....	...
<i>Privilege leave for 2 months and 10 days, from 18th March 1896.</i>				

Belcham, George Patrick.—Joined the service, 1st November 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Sub-Asst., 3rd class, attached to Computing Office, Trigl. Survey	1st Nov. 1862	.....	...
Mussoorie	Ditto, ditto, ditto	1st May 1863	.....	...
Ditto	Ditto, ditto, attached to Extra Party No. 2, Astrol.	1st Nov. 1863	.....	...
Ditto	Ditto, 2nd class, ditto	1st Mar. 1865	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1866	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Mar. 1869	.....	...
Bangalore	Ditto, ditto, attached to Extra Party No. 1, Astrol.	1st Oct. 1868	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto	1st Apl. 1871	.....	...
Madras	Ditto, ditto, attached to Triangn. Party, Trigl. Survey	1873	.....	...
Ditto	Surveyor, 4th grade, ditto	1st June 1874	.....	...
Ditto	Ditto, ditto	...	In temporary charge, Madras Triangn. Party	1876.
Poona	Ditto, ditto, attached to No. 25 Party (Tidal and Levelling)	1st Sept. 1879	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1883	.....	...
Ditto	Ditto, ditto	...	In temporary charge of No. 25 Party (Tidal and Levelling)	25th May 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona	Sub-Asst. Supdt., 2nd grade, attached to No. 25 Party (Tidal and Levelling)	16th May 1889	.....	...
Ditto	Ditto, ditto	...	In temporary charge of No. 25 Party (Tidal and Levelling)	7th Mar. 1889.
Ditto	Extra Asst. Supdt., 2nd grade, attached to No. 25 Party, (Tidal and Levelling)	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade (reorganization), ditto	23rd May 1893	.....	...
Ditto	Ditto, 2nd grade, ditto	18th Dec. 1893	.....	...
Ditto	Ditto, ditto	...	In temporary charge of No. 25 Party (Tidal and Levelling)	9th Aug. 1895.
Ditto	Ditto, ditto	1st Oct. 1895	.....	...
Ditto	Extra Asst. Supdt., 1st grade (supernumerary), attached to No. 25 Party (Tidal and Levelling)	1st Apl. 1896	.....	...
<i>Privilege leave for 2 months, from 18th April 1896.</i>				
Poona	Extra Asst. Supdt., 1st grade (supernumerary), attached to No. 25 Party (Tidal and Levelling)	...	In temporary charge, No. 25 Party (Tidal and Levelling)	14th Aug. 1896.
Ditto	Ditto, ditto	14th Sept. 1896	.....	...

Bell, Frederick Samuel.—Joined the service, 24th September 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 3 Party, Rev. Survey	24th Sept. 1886	.....	...
Punjab	Ditto, ditto, attached to No. 1 Party, Rev. Survey	21st Oct. 1886	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Oct. 1887	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	15th May 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Asst. Surveyor, 2nd grade, attached to No. 12 Party, Cadl. Survey	11th Oct. 1889	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Cadl. Survey	1st Nov. 1894	.....	...
Ditto	Ditto, 1st grade, ditto, ditto	15th Oct. 1895	.....	...
<i>Privilege leave for 2 months and 26 days, from 15th June 1897.</i>				

Berkeley, Ernest FitzHardinge.—Joined the service, 1st May 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Office Assistant, attached to No. 4 Party, Cadl. Survey	1st May 1881 to 31st Aug. 1883.	.....	...
Ditto	Proby. Asst. Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Survey	1st Sept. 1883	.....	...
Ditto	Ditto, ditto, attached to Dehra Dun Cadl. Survey	1st Oct. 1883	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Sept. 1884	.....	...
Central Provinces	Ditto, ditto, attached to Chhattisgarh Rev. Survey	1st Oct. 1884	.....	...
N.-W. P.	Ditto, ditto, attached to No. 5 Party, Cadl. Survey	11th July 1885	.....	...
Central Provinces	Ditto, ditto, attached to Chhattisgarh Rev. Survey	9th Aug. 1885	.....	...
Ditto	Ditto, ditto, attached to No. 3 Party, Rev. Survey	30th Oct. 1885	.....	...
Ditto	Ditto, 2nd grade, ditto, ditto	14th May 1886	.....	...
Ditto	Ditto, ditto, attached to No. 14 Party, Topographical Survey	1st Oct. 1886	.....	...
N.-W. P.	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	1st Oct. 1887	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Asst. Surveyor, 2nd grade, attached to No. 12 Party, Rev. Survey	1st Sept. 1889	.....	..
Bengal	Ditto, ditto, attached to Burdwan Raj Cadl. Survey	15th Mar. 1890	.....	..
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Nov. 1890	.....	..
Ditto	Asst. Surveyor, 1st grade, ditto, ditto	5th Jan. 1892	.....	..
Ditto	Sub-Asst. Supdt., 1st grade (reorganisation), ditto, ditto	23rd May 1893	.....	..
Bihar	Ditto, ditto, attached to Nos. 4 & 5 Parties, Cadastral Survey	1st Sept. 1895	.....	..
Noakhali	Ditto, ditto, in charge of Noakhali Detachment, Cadl. Survey	19th Nov. 1896	.....	..

Berkeley, Lionel FitzHardinge.—Joined the service, 1st May 1875.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Assistant, attached to No. 4 Party, Cadl. Survey	1st May 1875	.....	..
Ditto	Asst. Surveyor, 4th grade, ditto, Rev. and Cadl. Survey	16th Aug. 1875	.....	..
<i>Privilege leave for 42 days, from 6th August to 16th September 1879.</i>				
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	..
Ditto	Ditto, 2nd grade, ditto	13th Nov. 1883	.....	..
Ditto	Ditto, 1st grade, ditto	24th Nov. 1887	.....	..
Bengal	Ditto, ditto, ditto, Revenue and Topographical Survey	1st Nov. 1888	.....	..
Ditto	Sub-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	..
Ditto	Ditto, ditto, attached to No. 2 Party, Revenue Survey	1st April 1893	.....	..
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1894	.....	..
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	27th Apl. 1895	.....	..
Ditto	Ditto, ditto, in charge, Palamau Detacht., Revenue and Cadl. Survey	12th Oct. 1895	.....	..
N.-W. P.	Ditto, ditto, on deputation, Settlement Surveys	1st Nov. 1896	.....	..

Biggie, Edwin John.—Joined the service, 24th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Himalaya	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 18 Party, Topl. Survey . . .	24th Oct. 1895	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto . . .	24th Oct. 1896	.....	...

Biggie, H. W.—Joined the service, 21st November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Asst. Surveyor, 3rd grade, attached to Head-Quarter's Office. . .	21st Nov. 1891	.....	...
Burma	Ditto, ditto, attached to No. 7 Party, Cadastral Survey . . .	31st Dec. 1891	.....	...
Ditto	Proby. Sub-Asst. Supdt., 3rd grade, ditto, ditto . . .	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto . . .	21st Nov. 1892	.....	...
Ditto	Ditto, ditto, attached to No. 12 Party, Cadl. Survey . . .	13th Jan. 1893	.....	...
Ditto	Ditto, ditto, on deputation, Land Records Dept. . .	14th Sept. 1894	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto . . .	27th Mar. 1895	.....	...

Bond, Edgar Clinton James.—Joined the service, 4th January 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 12 Party, Topl. Survey . . .	4th Jan. 1897	.....	...

Bond, James.—Joined the service, 18th October 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona . . .	Asst. Surveyor, 4th grade, attached to G. T. Survey .	18th Oct. 1866	.....	...
Ditto and Bangalore . .	Ditto, ditto, attached to Mangalore Merid., Mangalore, Longitudinal and Great Arc Series . . .	1st Nov. 1866	.....	...
Bangalore . . .	Asst. Surveyor, 3rd grade, ditto, ditto . . .	1st Feb. 1869	.....	...
Ditto . . .	Ditto, ditto, attached to No. 2 Astronomical Survey Party . . .	1st Oct. 1872	.....	...
Ditto . . .	Ditto, 2nd grade, ditto . . .	1st July 1873	.....	...
Ditto . . .	Ditto, ditto, attached to Great Arc and Ramnad Series, G. T. Survey . . .	1st Dec. 1873	.....	...
Ditto . . .	Ditto, 1st grade, ditto . . .	1st Oct. 1874	.....	...
<i>Sick leave for 20 days in February 1875.</i>				
Bangalore and Poona . . .	Asst. Surveyor, 1st grade, attached to No. 2 Astronomical Survey Party . . .	1st Oct. 1875	.....	...
Poona . . .	Ditto, ditto, attached to Gujarat Topogl. Survey . . .	1st Dec. 1877	.....	...
Ditto and Mussoorie . .	Ditto, ditto, attached to No. 2 Astronomical Survey Party . . .	1st Sept. 1880	.....	...
Dehra Dun . . .	Ditto, ditto, attached to Trigl. Survey Office . . .	1st July 1882	Surveyor, 4th grade . . .	1st Aug. to 27th Oct. 1883.
			Ditto . . .	1st Nov. 1883. to 30th Sept 1884.
Ditto . . .	Surveyor, 4th grade, ditto . . .	1st Oct. 1884	.....	...
Mussoorie . . .	Ditto, ditto, attached to No. 1 Party, Topogl. Survey . . .	1st July 1885	.....	...
Dehra Dun . . .	Ditto, ditto, attached to Trigl. Survey Office . . .	1st Oct. 1885	.....	...
Mussoorie . . .	Ditto, ditto, attached to No. 24 Party, East Coast Triangulation Survey . . .	1st Aug. 1886	.....	...
Poona . . .	Ditto, ditto, attached to No. 25 Party, Tidal and Levelling . . .	1st June 1888	.....	...
Ditto . . .	Surveyor, 3rd grade, ditto . . .	5th Jan. 1892	.....	...
Ditto . . .	Extra Asst. Supdt., 3rd grade, ditto, ditto . . .	18th Aug. 1892	.....	...
Ditto . . .	Ditto, 5th grade (reorganisation), ditto . . .	23rd May 1893	.....	...
Ditto . . .	Ditto, 4th grade, ditto . . .	6th July 1894	.....	...

Bose, Abinash Chunder.—Joined the service, 15th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Sub-Asst. Supdt., 3rd grade, attached to Headquarters Office	15th Oct. 1895	.....	...
Lower Burma.	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	28th Oct. 1895	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto	15th Oct. 1896	.....	...

Buttress, William Samuel.—Joined the service, 1st October 1860.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh . . .	Sub-Asst. Surveyor, 3rd class, attached to 1st Division, Rev. Survey	1st Oct. 1860	.....	...
Ditto . . .	Sub-Asst. Surveyor, 2nd class, ditto, ditto	1st Jan. 1864	.....	...
Ditto . . .	Ditto, ditto, 1st class ditto, ditto	1st Jan. 1865	.....	...
Ditto . . .	Ditto, ditto, attached to 2nd Divn., Rev. Survey	18th Jan. 1866	.....	...
Ditto . . .	Asst. Surveyor, 3rd grade, ditto, ditto	1st Apl. 1866	.....	...
Central Provinces	Ditto, ditto, attached to 2nd Divn., Rev. Survey	22nd June 1866	.....	...
Ditto . . .	Asst. Surveyor, 2nd grade, ditto, ditto	1st Oct. 1866	.....	...
Ditto . . .	Asst. Surveyor, 1st grade, ditto, ditto	1st Oct. 1869	.....	...
Punjab . . .	Ditto, ditto, attached to 1st Division, Rev. Survey	1st Nov. 1870	.....	...
Ditto . . .	Surveyor, 4th grade, ditto	1st Oct. 1872	.....	...
Ditto . . .	Surveyor, 3rd grade, ditto	13th Nov. 1879	.....	...
Central Provinces	Ditto, ditto, attached to No. 3 Party, Rev. Survey	18th July 1885	.....	...
Ditto . . .	Surveyor, 2nd grade, ditto	1st July 1886	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party, Cadl. Survey	1st Oct. 1889	.....	...
Ditto . . .	Surveyor, 1st grade, ditto	8th May 1892	.....	...
Ditto . . .	Extra Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto . . .	Ditto, ditto, 2nd grade (reorganisation), ditto, ditto	23rd May 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Extra Asst. Supdt., 2nd grade, attached to No. 12 Party, Cadl. Survey . . . . .	...	In temporary charge, No. 12 Party, Cadl. Survey	10th Aug. 1894.
Ditto .	Ditto, ditto, attached to No. 12 Party, Cadl. Survey	17th Nov. 1894	.....	.....
Ditto .	Ditto, ditto . . . . .	.....	In temporary charge, No. 12 Party, Cadl. Survey	4th Dec. 1894.
Ditto .	Ditto, ditto, attached to No. 12 Party, Cadastral Survey	7th Dec. 1894	.....	.....
N.-W. P. & Oudh .	Ditto, ditto, attached to No. 2 Party, Rev. Survey .	17th Nov. 1895	In temporary charge, No. 2 Party, Rev. Survey	17th Nov. 1895.
Ditto .	Ditto, ditto,	1st Jan. 1896	.....	.....
Ditto .	Extra Asst. Supdt., 1st grade, ditto, ditto	2nd Dec. 1896	.....	.....
Ditto .	Ditto, ditto, ditto . . . . .	...	In temporary charge, No. 2 Party, Rev. Survey	1st June 1897.

Byrne, Charles Cahill.—Joined the service, 20th November 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P. & Oudh .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 2 Party, Rev. Survey	20th Nov. 1896	.....	.....

Campbell, George.—Joined the service, 1st January 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh . . .	Office Assistant, attached to 1st Division, Oudh Rev. Survey .	1st Jan. 1864	.....	.....
Ditto . . .	Leveller, attached to ditto .	1st Jan. 1868	.....	.....

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh	Asst. Surveyor, 4th grade, attached to 1st Division, Rev. Survey	1st Mar. 1871	.....	...
N.-W. P.	Ditto, ditto, attached to 1st Division, Cadl. Survey	1st Nov. 1871	.. ...	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st May 1872	.....	...
N.-W. P.	Ditto, ditto, attached to 1st Division, Cadl. Survey	16th June 1872	.....	...
Ditto	Ditto, ditto, attached to 4th Division, N.-W. P., called 7th or Hamirpur Survey	1st Dec. 1872	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Dec. 1874	.....	...
Orissa	Ditto, ditto, attached to 7th or Khurda Divn. Survey	1875 to 1878	.....	...
Burma	Ditto, ditto, attached to 8th Division, Cadl. Survey	1st Nov. 1879	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Apl. 1881	.....	...
<i>Furlough for 1 year, from 22nd September 1881.</i>				
Punjab	Asst.-Surveyor, 2nd grade, attached to No. 1 Party, Rev. Survey	21st Sept. 1882	.....	...
Ditto	Ditto, 1st grade, ditto	1st Feb. 1888	.....	...
Upper Burma	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Nov. 1890	.....	...
<i>Medical leave from 16th March to 15th September 1891.</i>				
Calcutta	Asst. Surveyor, 1st grade, attached to Head-Quarters Office	16th Sept. 1891	.....	...
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	31st Oct. 1891	.....	...
Ditto	Surveyor, 4th grade, ditto	1st April 1892	.....	...
Calcutta	Extra Asst. Supdt., 4th grade, attached to Head-Quarters Office	18th Aug. 1892	.....	...
Bengal	Ditto, ditto, attached to No. 2 Party, Cadl. Survey	1st Dec. 1892	.....	...
Ditto	Ditto, 6th grade (re-organisation), ditto, ditto	23rd May 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Oct. 1893	.....	...
Bihar	Ditto, ditto, attached to No. 2 & 8 Parties, Cadl. Survey	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	.....	...
Ditto	Extra Asst. Supdt., 5th grade, ditto, ditto	12th Dec. 1896	.....	...

Causley, Philip Lloyd.—Joined the service, 25th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 8 Party, Rev. Survey	25th Oct. 1895	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto	25th Oct. 1896	.....	...
<i>Leave on medical certificate for 2 months, from 15th October 1896 ; extension to 2nd April 1897.</i>				
Calcutta	Sub-Asst. Supdt., 3rd grade, attached to Head-Quarters Office	3rd Apl. 1897	.....	...

Charrier, Henry Arthur.—Joined the service, 21st April 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dun	Probationary Asst. Surveyor, 3rd grade, attached to Computing Office	21st Apl. 1884	.....	...
Bombay	Ditto, ditto, attached to Cutch Topl. Survey	1st Oct. 1884	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	21st Apl. 1885	.....	...
Central Provinces	Ditto, ditto, attached to No. 12 Party, Revenue Survey	1st Oct. 1886	.....	...
Ditto	Ditto, ditto, attached to No. 11 Party, Revenue Survey	2nd Feb. 1889	.....	...
<i>Leave without pay from 2nd to 13th February 1889.</i>				
Central Provinces	Asst. Surveyor, 3rd grade, attached to No. 11 Party, Revenue Survey	14th Feb. 1889	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party, Topl. (Forest) Survey	1st Nov. 1889	.....	...
<i>Leave on medical certificate for 3 months, from 24th May 1890.</i>				
Lower Burma	Asst. Surveyor, 2nd grade, attached to No. 20 Party, Topl. (Forest) Survey	1st Mar. 1891	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...

Chatterjee, Nilmoni.—Joined the service, 23rd November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Orissa . .	Proby. Asst. Surveyor, 3rd grade, attached to No. 8 Party, Cadl. Survey	23rd Nov. 1891	.....	...
<i>Extraordinary leave (without allowances) from 1st June to 2nd August 1892.</i>				
Orissa . .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 8 Party, Cadl. Survey	18th Aug. 1892	.....	...
Ditto . .	Sub-Asst. Supdt., 3rd grade, ditto	21st Nov. 1892	.....	...
Ditto . .	Ditto, 2nd grade, ditto, ditto	27th Apl. 1895	.....	...
Calcutta . .	Ditto, ditto, attached to Bengal Drawing Office	24th June 1895	.....	...
Bihar . .	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	19th Oct. 1895	.....	...
<i>Privilege leave for 1 month, from 11th September 1896.</i>				

Christie, Albert Douglas Lincoln.—Joined the service, 7th August 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay . .	Sub-Asst. Surveyor, 3rd class, attached to the Bombay Party, Great Trigl. Survey	7th Aug. 1863	.....	...
Ditto . .	Ditto, 2nd class, ditto, ditto	1st Oct. 1865	.....	...
<i>Privilege leave from 1st September to 30th September 1866.</i>				
<i>Ditto for 1 month, October 1867.</i>				
Madras . .	Asst. Surveyor, 2nd grade, Bombay Party, Great Trigonometrical Survey	1st Sept. 1868	.....	...
Gujarat . .	Ditto, ditto, attached to Gujarat Topl. Party	30th Apl. 1869	.....	...
<i>Privilege leave from 2nd June to 2nd July 1869.</i>				
Gujarat . .	Asst. Surveyor, 1st grade, Gujarat Topl. Party	1st Oct. 1871	.....	...
Ditto . .	Surveyor, 4th grade, ditto	1st Oct. 1874	.....	...
<i>Privilege leave from 11th May to 28th May 1875.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona . . .	Surveyor, 4th grade, attached to No. 25 Party (Tidal and Levelling)	31st Oct. 1882	.....	..
Gujarat . . .	Ditto, ditto, attached to Topl. Survey Party . . .	30th Sept. 1883	.....	..
Ditto . . .	Ditto, 3rd grade, ditto, ditto . . .	2nd June 1884	.....	..
<i>Privilege leave from 1st September to 24th November 1884.</i>				
Central Provinces . . .	Surveyor, 3rd grade, attached to No. 2 Cadl. Survey Party	1st Oct. 1885	.....	..
Ditto . . .	Ditto, ditto, attached to No. 3 Party, Rev. Survey	31st Dec. 1885	.....	..
<i>Furlough in India from 10th November 1886 to 15th May 1887.</i>				
Central Provinces . . .	Surveyor, 3rd grade, attached to No. 14 Party Topl. (Forest) Survey . . .	31st Oct. 1887	.....	..
Ditto . . .	Ditto, 2nd grade, No. 14 Topl. Party . . .	13th May 1891	.....	..
Upper Burma . . .	Ditto, ditto, attached to No. 24 Party, Trigl. Survey . . .	30th Sept. 1891	.....	..
Dehra Dun . . .	Ditto, ditto, attached to Computing Party . . .	2nd May 1892	.....	..
Ditto . . .	Extra Asst. Supdt., 2nd grade, attached to ditto . . .	18th Aug. 1892	.....	..
Ditto . . .	Ditto, 3rd grade (re-organisation), ditto, 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>				
Dehra-Dun . . .	Extra Asst. Supdt., 2nd grade, attached to Computing Party	1st Jan. 1897	.....	..

Claudius, Thomas Ernest McMahan.—Joined the service, 1st August 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ganjam and Orissa . . .	Sub-Asst. Surveyor, 3rd grade, attached to Topl. Survey . . .	1st Aug. 1863	.....	..
Ditto . . .	Ditto, 2nd grade, ditto . . .	1866	.....	..
Central Provinces and Vizagapatam Agency . . .	Ditto, 1st grade, ditto . . .	1869	.....	..
Calcutta . . .	Ditto, ditto, attached to Head-Quarter Office . . .	1st May 1877	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central India.	Sub-Asst Surveyor, 1st grade, attached to No. 1 Party, Topl. Survey	1st Nov. 1877	.....	...
Afghanistan	Ditto, ditto, Topographical and Reconnaissance Survey	1st Sept. 1879	.....	...
Calcutta	Surveyor, 4th grade, attached to Head-Quarters Office	1st Jan. 1880	.....	...
Kohat	Ditto, ditto, attached to District Topl. Survey	1st Mar. 1880	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topographical Survey	1st Oct. 1883	.....	...
Ditto	Ditto ditto	...	In temporary charge Baluchistan Topl. Survey	6th Mar. 1884,
Ditto	Ditto, ditto, attached to No. 15 Party, Topographical Survey	29th Apl. 1884	.....	...
Ditto	Ditto ditto	...	In temporary charge Baluchistan Topl. Survey	1st Sept. 1884.
Ditto	Ditto, ditto, attached to No. 15 Party, Topographical Survey	18th Dec. 1884	.....	...
Ditto	Ditto, ditto	...	In temporary charge Baluchistan Topl. Survey	11th June 1887.
Ditto	Ditto, ditto, attached to No. 15 Party, Topographical Survey	17th Sept. 1887	.....	...
Ditto	Surveyor, 3rd grade, ditto	13th May 1889	.....	...
Ditto	Ditto, ditto	...	In temporary charge Baluchistan Topl. Survey	...
Ditto	Ditto, ditto, attached to No. 15 Party, Topographical Survey	24th June 1891	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation, ditto)	23rd May 1893	.....	...
Ditto	Ditto, ditto	...	In temporary charge Baluchistan Topl. Survey	14th June 1895.
Ditto	Ditto, ditto	...	Ditto, ditto, and in charge Baluch-Afghan detachment	1st July 1895.
Ditto	Ditto, 3rd grade	8th June 1896	Ditto ditto	...
Ditto	Ditto, ditto, attached to No. 15 Party, Topographical Survey	2nd Nov. 1896	.....	...
Ditto	Ditto, 1st grade (Super-numerary), ditto.	4th Feb. 1897	.....	...

Extraordinary Services.—Surveyed country on $\frac{1}{4}$ " scale from Gandamak to western side of Chardeh Valley, including Khurd Kabul and Tezin, was present throughout the siege of Sherpur, September 1879. Medal and Clasp. Crossed the Frontier in disguise and mapped the whole of Afridi Trak on $\frac{1}{4}$ " scale in March 1880, fired upon by the Firozkhel tribe while ascending the Manloghar mountain. Completed 1st class series of triangles from north of Kalat running southwards and joined on to the side Karko-Gandapahar of the G. T. Trans-Indus Series in India, in September 1887. Also completed a 1st class secondary series emanating from the G. T. base Andhar-Sulimani, westwards along the parallel of 26° through Makran on to the Persian border in March 1891.

Connor, Edwin Joscelyn.—Joined the service, 1st March 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra-Dun	Sub-Asst. Surveyor, 3rd class, attached to Trigl. Survey Office	1st Mar. 1865	.....	...
Bengal and Central Provinces.	Ditto ditto, attached to Sambalpur Meridl. Series, Great Trigl. Survey	1st Oct. 1865	.....	...
Ditto	Ditto, 4th grade, ditto	1st Apl. 1866	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Sept. 1867	.....	...
Burma	Ditto ditto, attached to Eastern Frontier Series, Great Trigl. Survey	1st Oct. 1867	.....	...
Bombay	Ditto ditto, attached to Kathiawar Topl. Survey	1st Oct. 1870	.....	...
Ditto	Ditto ditto, attached to Gujarat Topl. Survey	1st Oct. 1871	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto ditto	1st Apl. 1873	.....	...
Ditto	Ditto, 1st grade, ditto	1st July 1874	.....	...
Mysore	Ditto ditto, attached to No. 8 Party, Topl. Survey	1st Oct. 1875	.....	...
<i>Leave on private affairs for 6 months and 5 days, from 1st November 1876.</i>				
Poona	Asst. Surveyor, 1st grade, attached to Astrl. Survey Party	1st Apl. 1877	.....	...
Ditto	Ditto ditto, attached to No. 25 Party, Tidal and Levelling	1st Dec. 1877	.....	...
Ditto	Surveyor, 4th grade, ditto	1st Nov. 1883	.....	...
Ditto	Surveyor, 3rd grade, ditto	25th Apl. 1891	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation), ditto	23rd May 1893	.....	...

Connor, James.—Joined the service, 15th February 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind	Junior Sub-Asst. Surveyor attached to the left bank, Indus Sind Revenue Survey	15th Feb. 1865	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto ditto	1st Apl. 1866	.....	...
Ditto	Ditto, 3rd grade, ditto ditto	15th Feb. 1868	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Surveyor, 4th grade, attached to Head-Quarters Office (Revenue Branch)	9th May 1870	... ..	...
Ditto	Ditto, 2nd grade, ditto ditto	15th Feb. 1871	.....	...
Ditto	Ditto, 1st grade, ditto ditto	1st Dec. 1874	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	21st July 1888.
Assam	Ditto, ditto, attached to No. 6 Party, Cadastral Survey	29th Oct. 1883	Ditto ditto	29th Oct. 1883.
Ditto	Surveyor, 4th grade, ditto, ditto	2nd June 1884	.....	...
Lower Burma	Ditto, ditto, attached to No. 12 Party, Cadastral Survey	1st Oct. 1889	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	1st Feb. 1890	.....	...
Ditto	Surveyor, 3rd grade, ditto ditto	13th May 1891	.....	...
Ditto	Extra Asst. Supdt., 3rd grade ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	18th Dec. 1893	.....	...

Cooper, Henry Charles Hubert.—Joined the service, 24th November 1896.

Station	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topl. Survey	24th Nov. 1896	.....	...

Cornelius, Walter John.—Joined the service, 15th August 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central India.	Sub-Asst. Surveyor, 3rd class, attached to No. 1 Party, Topl. Survey	15th Augt. 1866	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central India.	Asst. Surveyor, 3rd grade, attached to No. 1 Party, Topl. Survey	Oct. 1869	.....	...
Ditto . .	Ditto, 2nd grade, ditto	Oct. 1872	.....	...
<i>Privilege leave for 1 month, from 10th September 1872.</i>				
Gwalior and Central India.	Asst. Surveyor, 1st grade, attached to No. 1 Party, Topl. Survey	1878	.....	...
<i>Privilege leave for 2 months, from 5th March 1879.</i>				
Central India and Rajputana.	Asst. Surveyor, 1st grade, attached to No. 1 Party, Topl. Survey	1882	.....	...
<i>Privilege leave for 2 months, from 10th February 1883.</i>				
Baluchistan .	Asst. Surveyor, 1st grade, attached to No. 15 Party, Topl. Survey	May 1886	.....	...
N.-W. Provinces, Mirzapur Dist.	Ditto, ditto, attached to No. 14 party, Topl. Survey	Nov. 1886	.....	...
Dehra Dun .	Ditto, ditto, attached to Trigl. Survey Office	Nov. 1887	... ..	...
Ditto . .	Surveyor, 4th grade, ditto, ditto	24th Nov. 1889	.....	...
Simla . .	Ditto, ditto, attached to Simla Drawing Office	1st Feb. 1890	.....	...
<i>Privilege leave for two months, from 4th January 1892.</i>				
Simla . .	Extra Asst. Supdt., 4th grade, attached to Simla Drawing Office	18th Augt 1892	.....	...
Ditto . .	Ditto, 5th grade, (reorganisation), ditto, ditto	23rd May 1893	.....	...
Ditto . .	Ditto, 4th grade, ditto, ditto	13th Oct. 1896	.....	...
<i>Privilege leave for two months and eleven days, from 3rd January 1897.</i>				

Cusson, Geoffrey D'Esteval.—Joined the service, 8th May 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay .	Sub-Asst. Surveyor, 4th grade, attached to Kattiawar Party, Topl. Survey	8th May 1868	.....	...
Ditto . .	Ditto, ditto, attached to Gujarat Party, Trigl. and Topl. Survey	Nov. 1870	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 3rd grade, attached to Gujarat Party, Trigl. and Topl. Survey	1st April 1871	.....	...
Ditto	Ditto, 2nd grade, ditto, ditto	1st Oct. 1874	.....	...
<i>Privilege leave for 1 month and 8 days, from 1st March 1874.</i>				
<i>Ditto for 3 months, from 1st August 1877.</i>				
<i>Furlough out of India for 364 days, from 1st November 1879.</i>				
Bombay	Asst. Surveyor, 2nd grade, attached to Gujarat Party, Trigl. and Topl. Survey	30th Oct. 1880	.....	...
Ditto	Ditto, 1st grade, ditto, ditto	1st April 1881	.....	...
...	Ditto, ditto, attached to Andaman Party, Topl. Survey	6th Oct. 1884	.....	...
Dehra Dun	Ditto, ditto, attached to Trigl. Survey Office	Sept. 1886	.....	...
Poona	Ditto, ditto, attached to No. 25 Party (Tidal and Levelling)	Sept. 1887	.....	...
<i>Privilege leave for 1 month, from 29th August 1887; returned to duty on 20th September 1887.</i>				
Bombay	Asst. Surveyor, 1st grade, attached to No. 10 Party, Topl. Survey	Oct. 1888	.....	...
<i>On special duty on the Meywar-Marwar Boundary Survey, from November 1888 to May 1889.</i>				
Calcutta	Asst. Surveyor, 1st grade, attached to Head-Quarters Office	Nov. 1889	.....	...
Ditto	Ditto, ditto, and Draftsman, ditto ditto	1st Feb. 1890	.....	...
Ditto	Extra Asst. Supdt., 4th grade, and Draftsman, ditto ditto	18th Aug. 1892	.....	...
<i>On special duty on the Nepal-Pilibhit Boundary Survey, from 23rd March 1893.</i>				
Calcutta	Extra Asst. Supdt., 6th grade, (reorganisation)	23rd May 1893	.....	...
Ditto	Extra Asst. Supdt., 6th grade, and Draftsman, attached to Head-Quarters Office	2nd June 1893	.....	...
Ditto	Extra Asst. Supdt., 5th grade, and Draftsman, ditto ditto	6th July 1893	.....	...
Ditto	Ditto ditto ditto	1st Nov. 1893	.....	...
Ditto	Ditto ditto ditto	...	Head Draftsman, Head-Quarters Office	1st Jan. 1896.
Burma	Ditto, ditto, attached to No. 10 Party, Topl. (Forest) Survey	7th Nov. 1896	.....	...

Descubes, Alexander.—Joined the Service, 18th January 1887.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun .	Draftsman, attached to Forest Survey Office .	18th Jan. 1887	.....	..
Ditto . . .	Sub-Asst. Supdt., 1st grade, on deputation, Forest Surveys .	26th Jan. 1895	.....	..

Dickinson, Richard Randall.—Joined the Service, 1st April 1872.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona . . .	Proby. Asst. Surveyor, 4th grade, attached to 1st Divn., Revenue Survey .	1st April 1872	.....	..
Ditto . . .	Ditto, ditto, attached to 10th or 1st Divn., Topl. and Revenue Survey .	16th April 1873	.....	..
Ditto . . .	Ditto ditto .	...	Asst. Surveyor, 3rd grade .	17th Dec. 1878.
Ditto . . .	Ditto, 3rd grade, ditto ditto .	1st April 1879	.....	..
Ditto . . .	Ditto ditto, attached to No. 10 Party, Topl. and Revenue Survey .	1879	.....	..
Ditto . . .	Ditto, 2nd grade, ditto ditto .	1st April 1881	.....	..
Ditto . . .	Ditto, 1st grade, ditto ditto .	1st Sept. 1884	.....	..
Central Provinces. (Jabalpur) .	Ditto, ditto, attached to No. 9 Party, Revenue Survey .	13th Oct. 1885	.....	..
Poona . . .	Ditto, ditto, attached to No. 10 Party, Topl. Survey .	17th May 1886	.....	..
Poona . . .	Extra Asst. Supdt., 6th grade (reorganisation), attached to No. 10 Party, Topl. Survey .	23rd May 1893	.....	..
<i>Privilege leave for 3 months, from 1st March 1894.</i>				
Simla . . .	Extra Asst. Supdt., 6th grade, attached to the Drawing Office .	1st Dec. 1896	.....	..

Donaghey, John.—Joined the service, 26th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces.	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 9 Party, Revenue Survey.	26th Oct. 1895	.....	...
Madras.	Ditto, ditto, attached to ditto, Topl. (Forest) Survey	1st Oct. 1896	.....	...
Ditto.	Sub-Asst. Supdt., 3rd grade, ditto ditto	26th Oct. 1896	.....	...

Doran, Patrick John William.—Joined the service, 18th December 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice, Surveyor General's Office	18th Dec. 1866	.....	...
Assam	Asst. Surveyor, 4th grade, attached to No. 6 Party, Topl. Survey	1st Feb. 1867	.....	...
<i>Leave on medical certificate from 26th May to 9th June 1869.</i>				
Assam	Asst. Surveyor, 3rd grade, attached to No. 6 Party, Topl. Survey	1st Jan. 1870	.....	...
Calcutta	Ditto ditto, attached to Head-Quarters Office	June 1870	.....	...
<i>Leave on medical certificate, from 24th November 1870 to 26th January 1871.</i>				
Bombay	Asst. Surveyor, 3rd grade, attached to No. 2 Party, Khandoish and Native States, Topl. Survey	5th Nov. 1871	.....	...
<i>Leave on medical certificate, from 5th March to 28th November 1872.</i>				
Calcutta	Asst. Surveyor, 3rd grade, attached to Head-Quarters Office	29th Nov. 1872	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Aug. 1873	.....	...
Gwalior and Central India.	Ditto ditto, attached to No. 1 Party, Topl. Survey	1st Oct. 1873	.....	...
<i>Privilege leave, from 19th June to 31st July 1877.</i>				
Gwalior and Central India.	Asst. Surveyor, 1st grade, attached to No. 1 Party, Topl. Survey	6th July 1880	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Surveyor, 1st grade, attached to Head-Quarters Office	1st Oct. 1883	.....	..
Ditto	Ditto ditto and Draftsman, ditto	1st Jan. 1885	.....	..
Assam	Ditto ditto, on deputation, Sylhet-Tipperah Boundary Survey	16th Nov. 1886	.....	..
Calcutta	Ditto ditto, attached to Head-Quarters Office	27th Apl. 1887	.....	..
<i>Privilege leave for 15 days, from 10th to 24th September 1888.</i>				
Calcutta	Surveyor, 4th grade, attached to Head-Quarters Office	13th May 1889	.....	..
Burma	Ditto ditto, attached to Anglo-Siamese Boundary Commission	26th Oct. 1889	.....	..
Calcutta	Ditto ditto, and Draftsman, attached to Head-Quarters Office	27th Apl. 1890	.....	..
Upper Burma	Ditto ditto, attached to No. 11 Party, Topl. Survey	12th May 1890	.....	..
Ditto	Extra Asst. Supdt., 4th grade, ditto ditto	18th Aug. 1892	.....	..
Ditto	Ditto ditto, attached to Anglo-Siamese Boundary Commission	1st Dec. 1892	.....	..
Ditto	Ditto, ditto attached to No. 11 Party, Topl. Survey	1st May 1893	.....	..
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	..
Ditto	Ditto ditto	..	In temporary charge, No. 11 Party, Topl. Survey	4th Nov. 1894.
Ditto	Ditto ditto, attached to No. 11 Party, Topl. Survey	1st Dec. 1894	.....	..

Dowman, Henry.—Joined the service, 16th October 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind	Junior Sub-Asst. Surveyor, attached to Indus Sind Revenue Survey.	16th Oct. 1862	.....	..
Ditto	Sub-Asst. Surveyor, 3rd class, ditto ditto	1st Jan. 1865	.....	..
Delhi and Hissar.	Ditto, 3rd grade, attached to Revenue Survey	1st April. 1866	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Delhi and Hissar .	Asst. Surveyor, 2nd grade, attached to Revenue Survey .	16th Oct. 1868	.....	...
Ditto . .	Ditto, 1st grade, ditto, ditto .	16th Oct. 1871	... ..	...
Bahawalpur .	Ditto, ditto, attached to 2nd Divn., Revenue Survey . .	1st Nov. 1871	.....	...
N.W. P., Hamirpur and Orissa.	Ditto, ditto, attached to 4th and 7th Division, Revenue and Cadl. Survey	1st Nov. 1873	.....	...
Ditto . .	Surveyor, 4th grade, ditto, ditto	16th Oct. 1874	.....	—
Lower Burma	Ditto, ditto, attached to No. 2 Party, Revenue and Cadl. Survey . .	1st Nov. 1879	.....	...
Ditto . .	Ditto, ditto, in charge of Revenue Survey of wasteland grants of Akyab.	1st Nov. 1880	.....	...
Ditto . .	Surveyor, 3rd grade, ditto, ditto	5th Sept. 1883	... ..	...
Ditto . .	Ditto, ditto, attached to No. 8 Party, Henzada Cadl. Survey	1st Dec. 1883	.....	—
Ditto . .	Ditto, ditto, attached to No 2 Party, Revenue Survey	1st Dec. 1884	.....	...
Central Provinces.	Ditto, ditto, attached to No. 9 Party, Revenue Survey	1st Nov. 1885	.....	...
Ditto . .	Surveyor, 2nd grade, ditto, ditto	19th Sept. 1889	... ..	...
Ditto . .	Ditto, ditto . . . .	...	In temporary charge, No. 9 Party, Revenue Survey.	26th May 1892.
Ditto . .	Extra Asst. Supdt., 2nd grade.	18th Aug, 1892	Ditto ditto	18th Aug. 1892.
Ditto . .	Ditto, ditto, attached to No. 9 Party, Revenue Survey	28th Oct. 1892	.....	...
Ditto . .	Ditto, 3rd grade (reorganisation), ditto, ditto	23rd May 1893	.....	...
Ditto . .	Ditto, ditto . . . .	...	In temporary charge, No. 9 Party, Revenue Survey.	14th June 1893.
Ditto . .	Ditto, ditto, attached to No. 9 Party, Revenue Survey	14th Sept. 1893	.....	...
Ditto . .	Ditto, ditto . . . .	...	In temporary charge, No. 9 Party, Revenue Survey.	9th Jan. 1895.
Ditto . .	Ditto, ditto, attached to No. 9 Party, Revenue Survey	20th March 1895	.....	...
<i>Privilege leave for 2 months, from 6th August 1895.</i>				
Central Provinces.	Extra Asst. Supdt., 2nd grade, attached to No. 9 Party, Revenue Survey	26th Nov. 1895	.....	...
Madras . .	Ditto, ditto, attached to No. 9 Party, Topl. (Forest) Survey	Nov. 1896	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 1 month and 14 days, from 1st May 1897.</i>				
N.-W. P. & Oudh.	Extra Asst. Supdt., 2nd grade, attached to No. 2 Party, Revenue Survey	1st May 1897	.....	...

Dunne, Thomas Henry.—Joined the service, 15th February 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind-Bombay	Junior Asst. Surveyor, attached to left bank, Indus River, Revenue Survey	15th Feb. 1865	.....	...
Ditto	Sub-Asst. Surveyor, 3rd grade, ditto, ditto	15th Feb. 1868	.....	...
Punjab	Ditto, ditto, attached to Kurnal and Kaithal Revenue Survey	Nov. 1870	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	15th Feb. 1871	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	June 1873	.....	...
Ditto	Ditto, 1st grade, ditto, ditto	15th June 1874	.....	...
Orissa	Ditto, ditto, attached to Khorda, Traverse and Cadastral Survey	May 1877	.....	...
Lower Burma	Ditto, ditto, attached to Bassein, Traverse and Cadl. Survey	Nov. 1880	.....	...
Ditto	Surveyor, 4th grade, ditto, ditto	1st Sept. 1884	.....	...
Central Provinces.	Ditto, ditto, on deputation to Settlement Department	Oct. 1885	.....	...
Ditto	Ditto, 3rd grade, ditto, ditto	5th Jan. 1892	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	6th July 1894	.....	...

Furlough for 1 year, from 27th March 1896.

Services placed at the disposal of Egyptian Government, 1st January 1897.

Ewing, Arthur.—Joined the service, 16th November 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam . .	Proby. Asst. Surveyor, 3rd grade, attached to No. 6 Party	16th Nov. 1881	.....	...
Ditto . .	Topl. Survey	1st Nov. 1882	... ..	...
Central Provinces.	Asst. Surveyor, 3rd grade, ditto	1st Oct. 1885	.....	...
Lower Burma	Ditto, 2nd grade, attached to No. 9 Party, Reve. Survey	1st Nov. 1889	.....	...
Ditto . .	Ditto, ditto, attached to No. 20 Party, Topl. Survey .	1st Apl. 1891	.....	...
Ditto . .	Ditto, 1st grade, ditto .	18th Aug 1892	.....	...
Ditto . .	Sub-Asst. Supdt., 1st grade, ditto, ditto			

Ewing, Richard Cunningham Dundee.—Joined the Service, 9th June 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam . .	Sub-Asst. Surveyor, 4th grade, attached to No. 1 Party, Revenue Survey	9th June 1866	.....	...
Bengal . .	Ditto ditto, attached to No. 6 Party, Topl. Survey	1st Nov. 1868	... ..	...
Ditto . .	Ditto, 3rd grade, ditto	9th June 1869	.....	...
Ditto . .	Asst. Surveyor, 2nd grad, ditto	9th Sept. 1872	.....	...
Assam . .	Ditto, ditto, attached to No. 2 Party, Topl. Survey	1st Oct. 1872	.....	...
...	Ditto, ditto, attached to No. 14 Party, Ganges-Dearnh Rev. Survey	1st Oct. 1874	.....	...
N.W. Provinces.	Ditto, ditto, attached to No. 3 Party, Topl. and Rev. Survey	1st Dec. 1877	.....	...
Ditto . .	Ditto, 1st grade, ditto	1st Jan. 1878	.....	...
Calcutta . .	Ditto, ditto, attached to Head-Quarters Office (Revenue Branch)	15th Apl. 1882	.....	...
<i>Furlough out of India, from 17th September 1865 to 11th September 1887.</i>				
Orissa . .	Asst. Surveyor, 1st grade, attached to No. 8 Party, Cadl. Survey	12th Sept. 1887	... ..	...
Ditto . .	Surveyor, 4th grade, ditto	29th Aug. 1888	.....	...
Ditto . .	Extra Asst. Supdt., 4th grade, ditto	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.
Orissa	Extra Asst. Supdt., 5th grade (reorganisation), in charge No. 8 Party, Cadl. Survey	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	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	11th Oct. 1896	.....	...
Sind	Ditto, ditto, attached to No. 12 Party, Topl. Survey	10th Nov. 1896	.....	...

Ewing, Walter Herbert Donald.—Joined the service, 17th January 1876.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Clerk, attached to Office of Accountant-General, Bengal.	17th Jan. 1876	.....	...
N.-W. Provinces.	Proby. Assistant Surveyor, 4th grade, attached to No. 4 Party, Rev. Survey	15th Apl. 1878	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto	15th May 1878	.....	...
<i>Under suspension from 28th May to 1st July 1880.</i>				
<i>Leave on medical certificate, from 2nd to 28th July 1880.</i>				
Lower Burma.	Asst. Surveyor, 4th grade, attached to No. 8 Party, Rev. Survey	28th July 1880	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	10th Oct. 1884	.....	...
Ditto	Ditto, ditto, attached to No. 7, Topl. Survey	1st Oct. 1885	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Feb. 1887	.....	...
Punjab	Ditto, ditto, attached to No. 1 Party, Rev. Survey	17th Dec. 1887	.....	...
Ditto	Ditto, 1st grade, ditto	16th May 1889	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Aug. 1890	.....	...
Western Duars	Ditto, ditto, attached to No. 4 Party	1st Nov. 1890	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st June 1891	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar	Sub-Asst. Supdt., 1st grade, attached to Nos. 4 and 5 Parties Cadl. Survey	1st Oct. 1892	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	27th Nov. 1893	.....	...
<i>Privilege leave for 2 months and 28 days, from 18th June 1894.</i>				
Calcutta	Sub-Asst. Supdt., 1st grade, attached to Head-Quarters Office	15th Sept. 1894	.....	...
Ditto	Ditto, ditto (seconded), attached to ditto	1st Mar. 1897	.....	...

Fielding, William Augustus.—Joined the service, 1st May 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 4th grade, attached to Kattywar Party, Topl. Survey	1st May 1868	.....	...
Ditto	Ditto, 3rd grade, ditto	1st April 1871	.....	...
<i>Privilege leave, from 14th August to 31st October 1872.</i>				
Bombay	Asst. Surveyor, 2nd grade, attached to Kattywar Party, Topl. Survey	1st July 1874	.....	...
Ditto	Ditto, ditto, attached to Kattywar and Cutch Party, Topl. Survey	1st Jan. 1880	.....	...
Ditto	Ditto, 1st grade, ditto	1st April 1881	.....	...
<i>Privilege leave, from 7th May to 17th June 1883.</i>				
Bombay	Supdt., attached to the Bombay Secretariat	1st April 1886	.....	...
Himalayas	Asst. Surveyor, 1st grade, attached to No. 18 Party, Topl. Survey	1st Oct. 1887	.....	...
<i>Privilege leave, from 3rd May to 5th July 1887.</i>				
<i>Ditto, from 1st July to 30th September 1890.</i>				
Himalayas	Extra Asst. Supdt., 6th grade, attached to No. 18 Party, Topl. Survey	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 1895.</i>				

Freeman, John Alaric.—Joined the service, 23rd November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Proby. Asst. Surveyor, 3rd grade, attached to No. 10 Party, Topographical Survey	23rd Nov. 1891	.....	...
Ditto	Proby. Sub-Asst. Supdt., 3rd grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto	23rd Nov. 1892	.....	...
<i>Privilege leave for one month, from 3rd July 1893.</i>				
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	15th Oct. 1895	.....	...
<i>Privilege leave for two months, from 15th May 1896.</i>				

French, Charles Edwin Cluge.—Joined the service, 14th November 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Himalayas	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 18 Party, Topl. Survey	14th Nov. 1896	.....	...

Gasper, Cecil Stephen.—Joined the Service, 2nd March 1888.

Station.	Substantive appointment.	Date.	Officiating Appointment.	Date.
Orissa	Proby. Asst. Surveyor, 3rd grade, attached to No. 8 Party, Cadl. Survey	2nd Mar. 1888	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st April 1889	.....	...
Ditto	Ditto, 2nd grade, ditto	1st April 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...
Bihar	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1894	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bih	Sub-Asst. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey	1st Oct. 1896	.....	...
Ditto	Ditto, 1st grade, ditto, ditto	1st Jan. 1897.		

Gastaud, Michael.—Joined the service, 3rd January 1882.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice Draftsman attached to Head-Quarters Office	3rd Jan, 1882	.....	...
Central India and Raj- putana	Proby. Assistant Surveyor, 3rd grade, attached to No. 1 Party, Topl. Survey	1st May 1882	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	17th Jan. 1883	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	29th Oct 1885	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Cadl. Survey	1st Oct. 1886	.....	...
Upper Burma.	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	1st Oct. 1889	.....	...
Lower Burma.	Ditto, ditto, attached to No. 18 Party, Mergui Topl. Survey	1st Nov. 1890	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto, ditto	25th Apl. 1891	.....	...
<i>Privilege leave for 3 months, from 22nd May 1891.</i>				
Lower Burma	Asst. Surveyor, 1st grade, attached to No. 7 Party, Cadl. Survey	18th Oct. 1891.	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto ditto	18th Aug. 1892.	.....	...
<i>Privilege leave for 2 months and 26 days, from 10th April 1894.</i>				

George, Alfred.—Joined the service, 15th November 1876.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gujarat	Sub-Surveyor	15th Nov. 1876 to 14th Oct. 1878	.....	...
Ditto	Proby. Asst. Surveyor, 4th grade, attached to No. 10 Topl. Survey.	15th Oct. 1878	.....	...
Ditto	Ditto, 4th grade, ditto	15th Oct. 1879	.....	...
Ditto	Ditto, 3rd grade, ditto	1st April 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	25th Sept. 1884	.....	...
Deccan	Ditto ditto, attached to No. 11 Topl. Survey	1st June 1885	.....	...
<i>Privilege laeve, from 4th May to 19th June 1885.</i>				
Central Pro- vinces.	Asst. Surveyor, 2nd grade, at- tached to No. 9 Rev. Survey Party	1st Nov. 1886	.....	...
Ditto	Ditto, 1st grade, ditto	13th May 1889	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party Cadl. Survey	1st Oct. 1892	.....	...
Ditto	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	1st Nov. 1895	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto	1st Jan. 1897	.....	...

George, Christopher.—Joined the service, 18th August 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Khandesh and Bombay	Sub-Surveyor	18th Aug. 1874 to 4th Sept. 1878	.....	...
Native States Pombay	Proby. Asst. Surveyor, 4th grade, attached to No. 2 Khandesh and Native States Survey	5th Sept. 1878	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto, ditto	5th Sept. 1879	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Oct. 1882	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	1st Dec. 1883	.....	...
Ditto	Ditto, ditto, attached to No. 11 Party, Revenue Survey	1st Nov. 1885	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	1st Nov. 1889	.....	...
Ditto	Ditto, 1st grade, ditto	1st Feb. 1890	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Sub-Asst. Supdt. 1st grade, attached No. 21 Party, Topl Survey	18th Aug. 1892	.....	...
Central Provinces	Ditto, ditto, attached to No. 9 Party, Rev. Survey	1st Oct. 1892	.....	...
Chitral	Ditto, ditto, attached to Relief Force Survey Party,	26th Mar. 1895	.....	...
Central Provinces	Ditto, ditto, attached to No. 9 Party, Rev. Survey	1st Nov. 1895	.....	...
Madras	Ditto, ditto, attached to No. 9 Party, Topl. (Forest) Survey	1st Oct. 1896	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto ditto	5th Feb. 1897	.....	...
<i>Privilege Leave for 3 months, from 10th May 1897.</i>				

War Services.—Upper Burma 1891 “Medal and Clasp” for Burma 1889-92.
 Received the medal for “distinguished conduct in the field” for his services during the defence of Kawnin (Upper Burma) during the attack on it by rebels from the Wuntho State on the 16th February 1891.
 Served with the Chitral Relief Force, 1895, Medal and Clasp.

Gorman, William Michael.—Joined the service, 19th September 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Simla	Proby. Sub-Asst. Supdt., 3rd grade, attached No. 18 Party, Himalaya Topl. Survey	19th Sept. 1893	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto	19th Sept. 1894	.....	...
Ditto	Ditto, 2nd grade, ditto	8th Apl. 1896	.....	...
<i>Privilege leave for 1 month and 15 days, from 6th July 1896.</i>				

Greiff, Joseph Oscar.—Joined the service, 13th November 1891.

Station.	Substantive appointment.	Date.	Officiating appointment.	Date.
Central Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 14 Party, Topl. (Forest) Survey	13th Nov. 1891	.....	..
Ditto	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 14 Party, Topl. (Forest) Survey	18th Aug. 1892	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	13th Nov. 1892	.....	..
<i>Privilege leave from 4th to 29th June 1894.</i>				
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	27th Mar. 1895	.....	..
<i>Privilege leave for 3 months, from 10th May 1897.</i>				

Haddock, John.—Joined the service, 31st October 1887.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Lower Burma	Proby. Asst. Surveyor, 3rd grade, attached to No. 7 Party, Revenue Survey	31st Oct. 1887	.....	..
Ditto	Asst. Surveyor, 3rd grade, ditto	26th Nov. 1887	.....	..
Ditto	Ditto, 2nd grade, ditto	25th Apl. 1891	.....	..
Ditto	Ditto, ditto, on deputation to Land Records Department	16th Oct. 1891	.....	..
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	..
Ditto	Sub-Asst. Supdt., 1st grade, ditto	13th Oct. 1896	.....	..

Hall, George Thomas.—Joined the service, 22nd November 1872.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 4th grade, attached to Gujerat Party, Topl. Survey	22nd Nov. 1872	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Aug. 1875	.....	...
Ditto	Ditto, 2nd grade, attached to Kattywar Party, Topl. Survey	1st Apl. 1881	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1883	.....	...
Central Provinces	Ditto, ditto, attached to No. 12 Party, Revenue Survey	1st Oct. 1886	.....	...
Ditto	Ditto, ditto, attached to Balaghat Detachment, Cadl. Survey	1st Nov. 1888	.....	...
Bengal	Ditto, ditto, attached to No. 4 Party, Revenue Survey	1st Nov. 1889	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	8th May 1892
Ditto	Ditto, ditto	1st June 1892	.....	...
Bihar	Extra Asst. Supdt., 4th grade, attached to Nos. 4 and 5 Parties, Cadl. Survey	8th Nov. 1892	.....	...
Ditto	Ditto, 6th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	27th Mar. 1895	.....	...
Ditto	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1895	.....	...
Upper Burma	Ditto, ditto, attached to No. 10 Party (Upper Burma)	1st Oct. 1896	.....	...

Hamer, Charles Fredrick.—Joined the Service, 3rd August 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Unndelkhand and Rewah.	Asst. Surveyor, 4th grade, attached to No. 5 Party, Topl. Survey	3rd Aug. 1863	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bundelkhand and Kewah	Asst. Surveyor, 3rd grade, attached to No. 5 Party, Topl. Survey	1st May 1866	.....	...
Bhopal and Malwa .	Ditto, 2nd grade, ditto .	1st Oct. 1868	.....	...
Ditto .	Ditto, 1st grade, ditto .	1st Oct. 1871	.....	...
Ditto .	Ditto, ditto .	...	Surveyor, 4th grade .	1st April 1877.
Ditto .	Ditto, ditto, attached to No. 5 Party, Topl. Survey	8th Nov. 1877	.....	...
N.-W. Provinces .	Surveyor, 4th grade, attached to No. 14 Party, Topl. Survey	13th July 1878	.....	...
Ditto .	Ditto ditto, attached to Dehra Cadl. Survey	10th Mar. 1884	.....	...
Ditto .	Ditto ditto, attached to No. 14 Party, Topl. Survey .	19th May 1884	.....	...
Madras .	Ditto ditto, attached to No. 19 Party, Topl. (Forest) Survey	1st Nov. 1887	.....	...
Ditto .	Ditto, 3rd grade, ditto .	29th Aug. 1888	.....	...
Ditto .	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party, Topl. (Forest) Survey .	18th Aug. 1892	.....	...
Ditto .	Ditto, 4th grade (reorganisation), ditto .	23rd May 1893	.....	...
<i>Privilege leave for 8 months, from 1st April 1895.</i>				
Madras .	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party, Topl. (Forest) Survey .	1st April 1896	.....	...
Ditto .	Ditto ditto .	...	In temporary charge No 19 party, Topl. (Forest) Survey .	23rd Apl. 1897.
Ditto .	Ditto ditto .	23rd Apl. 1897	.....	...

Hanby, Herbert Henry Bladen.—Joined the service, 25th November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar .	Proby. Asst. Surveyor, 3rd grade, attached to Revenue Survey Detachment . . .	25th Nov. 1891	.....	...
Ditto .	Proby. Sub-Asst. Supdt., 3rd grade, ditto ditto .	18th Aug. 1892	.....	...
Ditto .	Sub-Asst. Supdt., 3rd grade, ditto ditto .	25th Nov. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar . .	Sub-Asst. Supdt., 3rd grade, attached to Nos. 4 and 5 Parties, Cadastral Survey . .	13th Feb. 1893	.....	...
Ditto . .	Sub-Asst. Supdt., 2nd grade, ditto, ditto . .	12th Nov. 1895	.....	...
Upper Burma .	Ditto, ditto, attached to No. 11 Party, Topographical Survey	5th Dec. 1896	.....	...

Hanby, Henry Townsend.—Joined the service, 13th November 1862.

Station.	Substantive appointment.	Date.	Officiating appointment.	Date.
Oudh . .	Sub-Asst. Surveyor, 3rd class, attached to Oudh Revenue and Topographical Survey . .	13th Nov. 1862	.....	...
Ditto . .	Asst. Surveyor, 3rd grade, ditto ditto . .	15th Nov. 1865	.....	...
Ditto . .	Ditto, 2nd grade, ditto, ditto . .	15th Nov. 1868	.....	...
N.-W. Provs. .	Ditto, ditto, attached to 1st Division, Revenue Survey	1st May 1870	.....	...
Ditto . .	Ditto, ditto, called No. 4 Party, Cadastral Survey	1st Apl. 1871	.....	...

Privilege leave for one month in July 1871.

N.-W. Provs. .	Asst. Surveyor, 1st grade, attached to No. 4 party, Cadastral Survey	13th Nov. 1871	.....	...
Ditto . .	Surveyor, 4th grade, ditto ditto	13th Nov. 1874	.....	...

Privilege leave for one month in September 1881.

N.-W. Provs. .	Surveyor, 3rd grade, attached to No. 4 Party, Cadastral Survey	29th Oct. 1883	.....	...
Ditto . .	Ditto, ditto . . . . .	...	In temporary charge, No. 4 Party, Cadastral Survey.	4th July 1883.
Eastern Bengal .	Ditto, ditto, attached to No. 4 Party, Cadastral Survey	2nd Nov. 1888	.....	...
Ditto . .	Ditto, ditto . . . . .	...	In temporary charge No. 4 Party, Cadastral Survey	15th Feb. 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Western Duars	Surveyor, 3rd grade, attached to No. 4 Party, Cadastral Survey	6th Nov. 1889	.....	..
Ditto	Ditto, ditto	...	In temporary charge No. 4 Party, Cadastral Survey	6th June 1890.
Ditto	Surveyor, 2nd grade, attached to No. 4 Party, Cadastral Survey	11th Nov. 1890	.....	...
Ditto	Ditto, ditto	...	In temporary charge of Detachment (No 4 Party) Cadastral Survey	1st June 1892.
Ditto	Extra Asst. Supdt., 2nd grade, attached to No. 4 Party, Revenue Survey	18th Aug. 1892	ditto ditto	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadastral Survey	1st Nov. 1892	.....	...
Ditto	Ditto, 3rd grade (reorganisation), ditto	23rd May 1893	.....	...
<i>Privilege leave for 2 months, from 7th August 1893.</i>				
<i>Privilege leave for 2 months, from 5th September 1895.</i>				
N.-W. Provs.	Extra Asst. Supdt., 3rd grade, attached to No. 2 Party, Revenue Survey	12th Oct. 1896	.....	...
Ditto	Ditto 2nd grade, ditto	2nd Dec. 1896	.....	...
<i>Furlough in India for 1 year, from 1st May 1897.</i>				

Hanuman Prasad.—Joined the service, 1st November 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras, Asia and Europe.	Computer attached to No. 23, Astronomical Survey Party.	1st Nov. 1890	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto ditto	15th Nov. 1896	.....	...

Hardinge, Eustace Gilbert.—Joined the service, 25th November 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Caid. Survey	25th Nov. 1896	.....	...

Hickie, John.—Joined the service, 29th April 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 4th grade, attached to Gujarat Party, Trigl. and Topl. Survey	29th April 1868	.....	...
<i>Privilege leave for two months, from 11th July 1870.</i>				
Bombay	Asst. Surveyor, 3rd grade, attached to Gujarat Party, Trigl. and Topl. Survey	1st April 1871.	.....	...
<i>Leave on medical certificate for six months, from 1st March 1873.</i>				
Bombay	Asst. Surveyor, 2nd grade, attached to Gujarat Party, Trigl. and Topl. Survey	1st June 1874	.....	...
Kumaon and Garhwal	Ditto ditto, attached to Topl. Survey Party	1st Oct. 1878	.....	...
Punjab	Ditto ditto, attached to 2nd Division, Revenue Survey	1st Nov. 1878	.....	...
Bombay	Ditto ditto, attached to No. 11 Party, Topl. Survey	1st Nov. 1879	.....	...
Ditto	Ditto, 1st grade, ditto ditto	1st April 1881	.....	...
Burma	Ditto ditto, attached to No. 24 Party, Trigl. Survey	1st Oct. 1888	.....	...
Ditto	Ditto ditto	...	In temporary charge, No. 24 Party, Trigl. Survey	18th May 1889.
Ditto	Ditto ditto	11th June 1889	.....	...
<i>Privilege leave for one month and seven days, from 24th June 1889.</i>				
Burma	Asst. Surveyor, 2nd grade, attached to No. 24 Party, Trigl. Survey	...	Surveyor, 4th grade	6th Aug. 1889.
Ditto	Ditto ditto	18th April 1890	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma	Surveyor, 4th grade, attached to No. 24 Party, Trigl. Survey	5th May 1890.	.....	..
Ditto	Extra Asst. Supdt., 4th grade ditto ditto	18th Augt. 1892	.....	..
Ditto	Ditto, 5th grade (reorganisation), ditto ditto	23rd May 1893.	.....	..
<i>Privilege leave for one month, from 1st August 1894.</i>				
Burma	Extra Asst. Supdt., 5th grade, attached to No. 24 Party, Trigl. Survey	..	In temporary charge, No. 24 Party, Trigl. Survey	1st Oct. 1894
Ditto	Ditto ditto	18th Oct. 1894.	.....	..
Ditto	Ditto ditto	..	In temporary charge, No. 24 Party, Trigl. Survey	16th Apl. 1897.

Higgs, John Adolphus.—Joined the service, 4th March 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Assistant, attached to Board of Revenue	4th Mar. 1878	.....	..
Ditto	Apprentice, attached to the Head-Quarters Office	31st July 1878	.....	..
Mysore	Proby. Asst. Surveyor, 3rd grade, attached to No. 8 Party, Topographical Survey	12th Sep. 1881	.....	..
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	1st Feb. 1882	.....	..
Central India	Ditto ditto, attached to No. 2 Party, Topographical Survey	12th July 1884	.....	..
Ditto	Asst. Surveyor, 2nd grade, ditto ditto	28th Nov. 1884	.....	..
Central Provinces	Ditto ditto, attached to No. 9 Party, Revenue Survey	1st Nov. 1885	.....	..
<i>Privilege leave, from 16th May to 30th June 1886.</i>				
Calcutta	Asst. Surveyor, 2nd grade, attached to Head-Quarters Office	1st July 1886	.....	..
Orissa	Ditto ditto, attached to No. 8 Party, Cadastral and Forest Topographical Surveys	27th Dec. 1886	.....	..
<i>Leave on medical certificate, from 7th March to 18th November 1886.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Chota Nagpur	Asst. Surveyor, 2nd grade, on deputation to relay the disputed boundary between District Singhbhum and Keonjhar State	8th Mar. 1890	.....	...
Orissa	Ditto ditto, attached to No. 8 Party	12th June 1890	.....	...
Lower Burma	Ditto, ditto, attached to No. 13. Mergui Topographical Survey	1st Nov. 1890	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto ditto	10th Nov. 1890	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, attached to Mergui Detachment, Topographical Survey	18th Aug. 1892	.....	...
Ditto	Ditto ditto, in charge Mergui Detachment	1st Nov. 1892	.....	...
Calcutta	Ditto ditto, and Draftsman, Head-Quarters Office	1st Nov. 1893	.....	...
Dehra Dun	Sub-Asst. Supdt., 1st grade, attached to Computing Office, (Trigl. Surveys)	1st March 1897	.....	...
<i>Privilege leave for 2 months, from 9th March 1897.</i>				
Dehra Dun	Sub-Asst. Supdt., 1st grade, attached to Computing Office, (Trigl. Survey) . . . . .	...	Extra Asst. Supdt., 6th grade	1st May 1897.

Hill, Elliot Playfair Smyth.—Joined the service, 16th November 1872.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam	Proby. Asst. Surveyor, 4th grade, attached to 2nd Division, Rev. Survey	16th Nov. 1872	.....	...
N.-W. Provinces.	Ditto, ditto, attached to 4th and 5th Division, Rev. and Cadl. Surveys	Dec. 1873	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Augt. 1878	.....	...
Ditto	Ditto, 2nd grade, ditto	1st April 1881	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Nov. 1883	.....	...

Station.	Substantive Appointment.	Date	Officiating Appointment.	Date.
N.-W. Provinces	Asst. Surveyor, 2nd grade, attached to No. 4 Party, Rev. and Cadl. Survey.	April 1884	.....	...
Ditto	Ditto, 1st grade, ditto	2nd June 1884	.....	...
Bengal and Nepal Frontier	Ditto, ditto, attached to Himalaya Topl. Survey	23rd May	.....	...
Central Provinces	Ditto, ditto, attached to No. 9 Party, Rev. Survey.	April 1886	.....	...
Ditto	Ditto, ditto, on deputation, Settlement Department	Nov. 1886	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
<i>Leave on medical certificate, from 23rd April to 11th November 1893.</i>				
Central Provinces	Extra-Asst. Supdt., 6th grade, on deputation to Settlement Department	23rd May 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	28th Nov. 1896	.....	...

Hira Singh, Rai Bahadur.—Joined the service, 1st October 1871.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
.....	Sub Surveyor	1st Oct. 1871 to 11th Mar. 1877	.....	...

On special duty attached to the Afghan Boundary Commission Survey Party, from 18th August 1884 to 1st November 1886.

Dehra Dun	Asst. Surveyor, 3rd grade, attached to Computing Office	12th Mar. 1887	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topographical Survey	15th Feb. 1888	.....	...

Leave on medical certificate, from 7th February to 6th April 1889.

On special duty with the Zhob Expedition Survey Party under the orders of Lt.-Col. T. H. Holdich, R.E., 1889.

On special duty—Served under the orders of Major-General Sir James Browne, K.C.S.I., K.C.D., R.E., Q.M.G., in India during his reconnaissance for a line of railway from the mouth of Gomal to Peshin during March, April and May 1890; received medal and clasp of Kabul on special recommendation.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan	Asst. Surveyor, 2nd grade, No. 15 Party, Topl. Survey	1st Apl. 1891	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	.....	...
<i>On special duty.</i> —Served with the Survey Party attached to the Khajuri Field Force, under the orders of Captain R. J. Mackenzie, R.E., during the months of September and October 1892.				
<i>On special duty to Kuram 1" Survey.</i> Afterwards attached to the Kuram detachment under the orders of Lieutenant Macaulay, R.E.				
<i>On special duty.</i> —Served with the Kuram Demarcation Commission under the orders of Mr. J. Donald, C.I.E., Political Officer, during the months of November and December 1894.				
Waziristan	Sub-Asst. Supdt., 2nd grade, attached to the Field Force Survey Party	15th Feb. 1895	.....	...
Chitral	Ditto, ditto, attached to the Relief Force, Survey Party	24th Mar. 1895	.....	...
Baluchistan	Ditto ditto, attached to No. 15 Party, Topographical Survey	1st Nov. 1895	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto ditto	26th Nov. 1895	.....	...
<i>Privilege leave for 3 months, from 8th January 1896.</i>				

War Services.—Served during the Afghan Campaigns under the orders of Captain R. G. Woodthorpe, R.E.; present at Ali Khel, 14th October 1879, attack of Takht-i-Shah and Asmai heights on the 13th and 14th of December 1879. Served in the Survey operations during the Waziri Expedition of 1881, present when Survey Party was attacked on Shurdar Mountain; served with the Survey Party on Takhti-Suliman Survey Expedition, December 1883, in the Survey operations during the Zhob Gomal Expedition of 1889-90 under the orders of Major T. H. Holdich, R.E. Served with the Khajuri Kach Field Force during September and October 1892, with the Waziri Field Force Survey Party, 1895, received medal, and with the Chitral Relief Force Survey Party during the months of April to September 1895.

Hughes, Benjamin Robert.—Joined the service, 15th October 1883.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.W. Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Survey	15th Oct. 1883	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	1st Oct. 1884	.....	...
Muzaffarpur	Ditto ditto, attached to No. 8 Party, Cadl. Survey	5th Oct. 1885	.....	...
<i>Privilege leave from 5th April to 19th June 1896.</i>				
Muzaffarpur	Asst. Surveyor, 2nd grade, attached to No. 8 Party, Cadl. Survey	1st July 1886	.....	...
Baluchistan	Ditto, ditto, attached to No. 16 Party, Topl. Survey	1st Oct. 1886	.....	...
Burma	Ditto ditto, attached to No. 24 Trigl. Survey	1st Oct. 1888	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave, from 13th May to 12th August 1890.</i>				
Central Provinces	Asst. Surveyor, 2nd grade, attached to No. 14 Party, Topl. (Forest) Survey . . .	1st Oct. 1891	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto	13th Sept. 1892	.....	...
Ditto	Sub-Asst. Supdt., 1st grade			
	ditto ditto . . .	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, (reorganisation)	23rd May 1893	.....	...
Ditto	Sub-Asst. Supdt., 1st grade			
	ditto ditto . . .	6th July 1894	.....	...
Ditto	Ditto ditto, on deputation, Forest Surveys	1st Nov. 1894	.....	...
Ditto	Ditto ditto, attached to No. 14 Party, Topl. (Forest) Survey . . .	25th Apl. 1896	.....	...
<i>Privilege leave for 1 month, from 27th April 1896.</i>				

Imam Sharif, Khan Bahadur.—Joined the service, 1st September 1871.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces, Rajputana, Afghanistan, Baluchistan, etc.	Sub-Surveyor . . .	1st Sept. 1871 to 5th May 1891	.....	...
Baluchistan	Asst. Surveyor, 3rd grade, attached to No. 15 Party, Topographical Survey . . .	6th May 1891	.....	...
East Africa	Ditto, ditto, attached to the Anglo-German Boundary Commission Survey . . .	4th Feb. 1892	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto ditto . . .	14th Jan. 1893	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto . . .	18th Aug. 1892	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topographical Survey . . .	5th May 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Paluchistan .	Sub-Asst. Supdt. 3rd grade (reorganisation), attached to No. 15 Party, Topl. Survey .	23rd May 1893	.....	...
Ditto .	Sub-Asst. Supdt., 2nd grade, ditto ditto .	6th July 1894	... ..	...

Privilege leave for 3 months, from 6th August 1896.

Services placed at the disposal of the Zanzibar Government, 5th March 1897.

Extraordinary Services.—Served with the Afghan Boundary Commission in 1887, received title of Khan-Bahabur, and reward of Rs. 500. Served with Hazara Field Force in 1888, received a Silver Medal. Served with the Anglo-German Boundary Commission in February 1892, received Rs. 950 as a present from the Secretary of State, and a Barometer from the Royal Geographical Society, and a gold medal, called ‘Kankab Duri’ from the Sultan of Zanzibar. Received a honorary reward of Rs. 500 from Lord Robert, Commander-in-Chief of India.

Jagadamba Prasad.—Joined the service, 17th November 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P. and Oudh .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 2 Party, Revenue Survey	17th Nov. 1896	.....	...

James, Alfred John.—Joined the service, 15th June 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Banchee, Chota-Nagpur.	Sub-Asst. Surveyor, 3rd class, attached to No. 4 Party, Chota-Nagpur division, Topl. Survey	15th June 1864	.....	...
Ditto .	Ditto, 4th grade, ditto .	1st Apl. 1866	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ranhee Chota-Nagpur	Asst. Surveyor, 3rd grade, attached to No. 4 Party, Chota-Nagpur Division, Topl. Survey	1st Jan. 1867	.....	...
<i>Privilege leave from 1st July to 30th September 1869.</i>				
<i>Privilege leave from 25th July to 8th August 1870.</i>				
Ranhee Chota-Nagpur	Asst. Surveyor 2nd grade, attached to No. 4 Party, Chota-Nagpur Division, Topl. Survey	1st Sept. 1870	.....	...
Ditto .	Ditto, 1st grade, ditto	1st Sept. 1873	.....	...
<i>Privilege leave for 6 weeks, from 21st May to 2nd July 1874.</i>				
Bangalore Mysore	Asst. Surveyor, 1st grade, attached to No. 8 Party, Topl. Survey	1st Oct. 1876	.....	...
Ditto .	Surveyor, 4th grade, attached to Nos. 8 and 9 Parties, ditto, ditto	22nd Nov. 1880	.....	...
<i>Privilege leave for 3 months, from 18th June 1883.</i>				
Bangalore Mysore	Surveyor, 4th grade, attached to Nos. 8 and 9 Parties, Topl. Survey . . . . .	...	In temporary charge No. 8 Party, Topl. Survey	4th Aug. 1885.
Ditto .	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Sept. 1885	.....	...
Ditto .	Ditto, ditto . . . . .	...	In temporary charge No. 8 Party, Topl. Survey	15th Mar. 1886.
Ditto .	Ditto, ditto	22nd Mar. 1886	.....	...
Ditto .	Ditto, ditto . . . . .	...	In temporary charge No. 8 Party, Topl. Survey	1st July 1886.
Ditto .	Ditto, ditto	1st Aug. 1886	.....	...
Ootacamund Madras	Ditto, ditto, attached to No. 19 Party, Topl. (Forest) Survey	1st Nov. 1886	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	23rd Oct. 1888	.....	...
Chin-Lushai .	Ditto, ditto, attached to Expeditionary Force, Survey Detachment	2nd Jan. 1889	.....	...
Ditto .	Surveyor, 3rd grade, ditto	16th May 1889	.....	...
Ditto .	Ditto, 4th grade, ditto	16th May 1889	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	1st Aug. 1889	.....	...
Ditto .	Surveyor, 3rd grade, ditto	10th Nov. 1890	.....	...
Ditto .	Ditto, ditto and Draftsman, ditto ditto	1st Mar. 1891	.....	...

Privilege leave for 2 months and 27 days, from 11th August to 6th November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Extra Asst. Supdt., 3rd grade, and Draftsman, attached to Head-Quarters Office . . .	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation), ditto . . .	23rd May 1893	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	1st Nov. 1893	.....	...
Ditto	Ditto, 3rd grade, ditto.	13th Oct. 1896	.....	...
<i>Privilege leave for 3 months, from 23rd June 1897.</i>				

Jarbo, George William, —Joined the service, 9th April 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice Draftsman attached to Head-Quarters Office . . .	9th Apl. 1866	.....	...
Oudh	Sub-Asst. Surveyor, 4th grade, attached to 2nd Divn., Revenue Survey	1st Nov. 1866	.....	...
<i>Leave on medical certificate, from 26th May to 9th June 1869.</i>				
Oudh	Asst. Surveyor, 3rd grade, attached to 2nd Divn., Revenue Survey	1st Nov. 1869	.....	...
Ditto	Ditto, 2nd grade, ditto . . .	1st Nov. 1872	.....	...
Bengal	Ditto, ditto, in charge Jalpaiguri Tea Estates Survey	1st Oct. 1878	.....	...
Oriasa	Ditto, ditto, attached to Cuttack Irrigation Survey	10th June 1879	.....	...
Ditto	Ditto, 1st grade, ditto . . .	1st Jan. 1880	.....	...
Ditto	Ditto, ditto, attached to Khorda Cadastral Survey.	31st Mar. 1880	.....	...
Lower Burma	Ditto, ditto, attached to No. 7 Party, Cadastral Survey	31st Oct. 1880	.....	...
Ditto	Surveyor, 4th grade, ditto . . .	3rd Dec. 1888	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto . . .	1st Jan. 1897	.....	...

Johnson, Clarence Henry Godwin.—Joined the service, 13th November 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 13 Party, Revenue Survey	13th Nov. 1888	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	13th Nov. 1889	.....	...
Ditto	Ditto, ditto, attached to No. 9 Party	1st Nov. 1889	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	8th May 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, attached to No. 9 Party, Revenue Survey	6th Dec. 1894	.....	...
<i>Privilege leave, from 20th September to 18th October 1895.</i>				
N.-W. Provinces	Sub-Asst. Supdt., 2nd grade, attached to No. 2 Party, Revenue Survey	19th Oct. 1896	.....	...
Ditto	Ditto, ditto, on deputation, Settlement Dept.	5th Nov. 1896	.....	...
Ditto	Ditto, 1st grade, ditto	5th Feb. 1897	.....	...

Johnson, William Edmund.—Joined the service, 18th August 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Provinces.	Proby. Asst. Surveyor, 3rd grade, attached to No. 4 Party, Revenue Survey	18th Aug. 1884	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	18th Aug. 1885	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	1st Nov. 1888	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party, Cadastral Survey	20th Nov. 1890	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto, ditto	6th Dec. 1892	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Sub-Asst. Supdt., 2nd grade (re organisation), attached to No. 12 Party, Canl. Survey	23rd May 1893	.....	...
Ditto	Ditto, ditto, on deputation to Land Records Dept.	7th Nov. 1895	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto, ditto	27th Mar. 1895	.....	...

Keating, James.—Joined the service, 1st June 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Asst. Surveyor, 4th grade, attached to Trigl. Survey Office	1st June 1874	.....	...
<i>Privilege leave for 1 month, from 1st December 1875.</i>				
Bombay	Asst. Surveyor, 4th grade, attached to Kathiawar Party Topl. Survey	1st Nov. 1876	.....	...
<i>Privilege leave for 1 month, from 25th April 1879.</i>				
...	Asst. Surveyor, 4th grade, attached to No. 1 Party, Astronomical Survey	1st Oct. 1880	.....	...
...	Ditto, 3rd grade, ditto	22nd Nov. 1880	.....	...
...	Ditto, ditto, attached to No. 5 Party, Topl. Survey	1st July 1881	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Topl. Survey	1st Oct. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	22nd Feb. 1883	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	8th Oct. 1883	.....	...
Andamans	Ditto, ditto, attached to Topl. Survey	1st Nov. 1883	.....	...
<i>Privilege leave for 1 month, from 13th October 1883.</i>				
Andamans	Asst. Surveyor, 1st grade, attached to Topl. Survey	1st July 1886	.....	...
Nicobars	Ditto, ditto, ditto, Nicobar Topl. Party	1st Oct. 1886	.....	...
Dehra Dun	Ditto, ditto, attached to Trigl. Survey Office	1st Oct. 1887	.....	...
<i>Privilege leave, from 26th September to 22nd December 1887.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Asst. Surveyor, 1st grade, attached to No. 24 Party, G. T. Survey	1st Oct. 1888	.....	..
Central Provinces	Ditto, ditto, attached to No. 14 Party (Hoshangabad), Topl. (Forest) Survey	1st Oct. 1889	.....	..
<i>Privilege leave for 1 month, from 4th August 1890.</i>				
Central Provinces	Sub-Asst. Supdt., 1st grade, attached to No. 14 Party (Hoshangabad) Topl. (Forest) Survey	18th Aug. 1892	.....	..
Ditto	Ditto, ditto, No. 14 Party (Nimar)	1st Nov. 1892	.....	..
Ditto	Ditto, ditto	...	Extra Asst. Supdt., 6th grade,	25th Nov. 1893.
Ditto	Ditto, ditto, ditto	24th Jan. 1894	.....	..
Ditto	Extra Asst Supdt., 6th grade, ditto, ditto	6th July 1894	.....	..
Ditto	Ditto, ditto, No. 14 Party (C. P.)	1st Jan. 1895	.....	..
Ditto	Ditto, ditto	...	In temporary charge No. 14 Party, Topl. (Forest) Survey	2nd Nov. 1895.
Ditto	Extra Asst. Supdt., 6th grade, attached to No. 14 Party (C. P.), Topl. (Forest) Survey	4th Dec. 1895	.....	..

Kelly, William Mathew.—Joined the service, 1st October 1872.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central India	Asst. Surveyor, 4th grade, attached to No. 1 Party, Topl. Survey	1st Oct. 1872	.....	..
Rajputana	Ditto, ditto, attached to No. 7 Party, Topl. Survey	15th Oct. 1875	.....	..
N.-W.-Provinces	Sub-Asst. Conservator, attached to the Forest Department	1st Nov. 1877	.....	..
Ditto	Asst. Surveyor, 3rd grade, attached to 5th Divn., Rev. and Cadd. Survey	1st Oct 1878	.....	..
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Survey	1st Nov. 1879	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 2nd grade, attached to No. 10 Party, Topl. Survey	1st April 1881	.....	...
Ditto	Ditto, 1st grade, ditto	21st Nov. 1883	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Upper Burma	Ditto, ditto, attached to No. 11 Party, Topl. Survey	1st Oct. 1892	.....	...
Ditto	Ditto, ditto, attached to the Anglo-Siamese Boundary Commission	1st Dec. 1892	.....	...
Ditto	Ditto, ditto, attached to No. 11 Party, Topl. Survey	1st May 1893	.....	..
Ditto	Extra Asst. Supdt., 6th grade, attached to ditto, ditto	23rd May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	5th Feb. 1897	.....	...

Kennedy, Joseph Michael.—Joined the service, 19th August 1875.

Station.	Substantive appointment.	Date.	Officiating appointment.	Date.
Dehra Dun	Asst. Surveyor, 4th grade, attached to Trigl. Survey Office	19th Aug. 1875	.....	...
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	Oct. 1876	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	24th Nov. 1883	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party Topl. Survey	14th June 1886	.....	...
Ditto	Ditto, 1st grade, ditto	1st Nov. 1888	.....	...
Ditto	Sub. Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Siam	Ditto, ditto, on deputation to Siam Government	13th Oct. 1894	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Siam	Extra Asst. Supdt., 6th grade, on deputation to Siam Government	8th June 1896	.....	..
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	28th June 1897	.....	..

Knight, George Arthur. — Joined the service, 11th August 1873.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central India	Asst. Surveyor, 4th grade, attached to No. 1 Party, Topl. Survey	11th Aug. 1873	.....	..
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Oct. 1876	.....	..
Ditto	Ditto, ditto	...	Deputation to P. W. D. on Famine Relief duty	1st Sept. 1877.
Bombay	Ditto, ditto, attached to No. 11 Party, Topl. Rev. Survey	16th Oct. 1878	.....	..
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1880	.....	..
Ditto	Ditto, 2nd grade, ditto	1st Apl. 1883	.....	..
Ditto	Ditto, 1st grade, ditto	1st Mar. 1885	.....	..
Ditto	Ditto, ditto, attached to No. 17 Party, Trigl. Topl. Survey	April 1885	.....	..
Ditto	Ditto, ditto, attached to No. 10 Party, Topl. Rev. Survey	1st Oct. 1888	.....	..
Benga.	Ditto, Ditto, attached to No. 4 Party, Revenue Cadastral Survey	1st Nov. 1890	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Leave on medical certificate, from 12th May to 7th July 1892.</i>				
Bengal	Asst. Surveyor, 1st grade, attached to No. 4 Party, Revenue Cadl. Survey	8th July 1892	.....	...
Ditto	Sub.-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Revenue Survey	1st Nov. 1892	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	23rd May 1893	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Nov. 1895	.....	...

Kraal, Charles Samuel.—Joined the service, 24th July 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Surveyor, 4th grade, attached to Head-Quarters Office	24th July 1874	.....	...
N.-W. Provinces.	Ditto, ditto, attached to No. 2 Party, Revenue Survey	1st Oct. 1874	.....	...
Assam	Ditto, ditto, attached to Lakhiraj, etc., Estates Survey	1st Nov. 1878	.....	...
<i>Sick leave, from 6th to 22nd February 1879.</i>				
N.-W. P.	Asst. Surveyor, 4th grade, attached to No. 6 Party, Cadastral Survey	1st Nov. 1879	.....	...
Ditto	Ditto, 3rd grade, ditto	20th Dec. 1880	.....	...
Bengal	Ditto, ditto, attached to No. 6 Party, Hughli River Survey	1st Nov. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	1st April 1883	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Cadl. Survey	1st Nov. 1883	.....	...
Central Provinces	Ditto, ditto, attached to Sambalpur Distt. Revenue Survey	1st Nov. 1885	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Asst. Surveyor, 1st grade, attached to No. 2 Party, Revenue Survey	1st May 1887	.....	...
Orissa	Ditto, ditto, attached to No 8 Party, Revenue and Cadl. Survey	1st Nov. 1888	.. ...	...
Ditto	Sub.-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1893	... ..	...
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	27th Mar. 1895	.....	..
Ditto	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	1st Oct. 1895	.....	...

Lee, Charles Graham.—Joined the service, 1st December 1883.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma	Office Asst., attached to No. 2 Party, Cadl. Survey, Pegu and Shwegyin District	1st Dec. 1883	.....	...
Ditto	Ditto, ditto, attached to No. 2 Party, Topl. Survey, Shwegyin Dist.	1st Nov. 1884	.....	...
Bihar	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Nov. 1886	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Mar. 1886	.....	...
Chittagong	Ditto ditto, attached to Chittagong Detachment, Cadl. Survey	1st Dec. 1888	.....	..
Ditto	Asst. Surveyor, 2nd grade, ditto, ditto	13th May 1889	.....	...
Ditto	Ditto, ditto, attached to No. 2 Party, Cadl. Survey Eastern Bengal	1st Nov. 1889	.....	...
Ditto	Sub.-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...
Bihar	Ditto ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar	Sub.-Asst. Supdt., 1st grade, attached to Nos. 4 and 5 Parties. Cadl. Survey . . .	3rd May 1895	.....	...
N.-W. P. and Oudh.	Ditto, ditto, attached to No. 2 Party, Revenue Survey	26th Oct. 1896	.....	...

Litchfield, Charles.—Joined the service, 14th November 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Balaghat and Seoni	Surveyor, attached to Forest Survey Department . . .	14th Nov. 1888	.....	...
Central Provinces	Proby. Asst. Surveyor, 3rd grade, ditto, ditto . . .	10th Jan. 1892	.....	...
Ditto	Sub.-Asst. Supdt., 3rd grade, ditto ditto	18th Aug. 1892	.....	...
<i>Leave on medical certificate, from 6th to 16th and 26th to 30th September 1894.</i>				
Ditto	Sub.-Asst. Supdt., 2nd grade, ditto, ditto	1st Nov. 1894	.....	...

Little, Edwin George.—Joined the service, 1st January 1860.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
... Central Provinces	Apprentice, attached to 1st Divn., Revenue Survey . . .	1st Jan. 1860	.....	...
	Proby. Sub.-Asst. Surveyor, 4th class, attached to 1st Divn., Revenue Survey	5th Nov. 1862	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Sub-Asst. Surveyor, 3rd class, attached to 1st Divn., Revenue Survey	5th Nov. 1864	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st July 1867	.....	...
Ditto	Ditto, 2nd grade, ditto, ditto	5th Nov. 1868	.....	...
Ditto	Ditto, 1st grade, ditto, ditto	5th Nov. 1871	.....	...
N.-W. Provinces, Hamirpur and Orissa.	Ditto ditto, attached to 4th and 7th Divisions, Revenue and Cadastral Survey	1st Nov. 1872	.....	...
Ditto	Surveyor, 4th grade, ditto, ditto, ditto	5th Nov. 1874	.....	...
N.-W. Provinces.	Ditto, ditto, attached to No. 5 Party, Revenue and Cadastral Survey	1st April 1877	.....	...
Ditto	Ditto, 3rd grade, ditto, ditto, ditto	23rd Sept. 1883	.....	...
Ditto	Ditto, ditto, ditto, ditto	...	In temporary charge No. 5 Party, Revenue and Cadastral Survey.	11th July 1887.
Ditto	Ditto ditto	14th Sept. 1887	.....	...
Central Provinces	Ditto, ditto, in charge of Balaghat detachment, Revenue Survey	1st Nov. 1888	... ..	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	1st Nov. 1889	.....	...
Ditto	Surveyor, 2nd grade, ditto, ditto	5th Dec. 1889	.....	...
Lower Burma	Ditto, ditto, attached to No. 12 Party, Traverse Survey	1st Feb. 1890	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party, Cadastral Survey	1st Nov. 1891	.....	...
Ditto	Extra Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade (re-organisation), ditto, ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	1st Nov. 1895	.....	...
Ditto	Ditto, 2nd grade, ditto, ditto	1st Apl. 1896	.....	...
Ditto	Ditto, ditto	...	In temporary charge No. 3 Party, Cadastral Survey	12th Dec. 1896.

Littlewood, Charles Sutherland.—Joined the service, 1st December 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma	Apprentice, attached to No. 3 Party, Cadl. Survey	1st Dec. 1894.	.....	...
Ditto	Proby. Sub.-Asst. Supdt., 3rd grade, attached to No. 7 Party, Cadl. Survey	15th Nov. 1896.	.....	...
Calcutta	Ditto ditto, attached to Head-Quarters Office	30th June 1897	.....	...

Madras, Septimus Oswald.—Joined the service, 6th July 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Messoorie	Proby. Asst. Surveyor, 4th grade	6th July 1868	.....	...
N.W. Provinces	Ditto, ditto attached to 1st Divn., Revenue Survey	6th July 1868	.....	...
Ditto	Ditto, ditto, attached to No. 4 Party, 2nd Divn., ditto ditto	1st Dec. 1870	.....	...
Punjab	ditto, ditto, attached to No. 15 Party, Bahawalpur Survey	1st Dec. 1870	.....	...
Ditto	Asst. Surveyor, 3rd grade	6th July 1871	.....	...
Ditto	ditto, 2nd grade	6th July 1874	.....	...
N.W. Provinces	Ditto, ditto, attached to No. 4 Party, Revenue Survey	1st Oct. 1874	.....	...
Ditto	Ditto, 1st grade, ditto ditto	1st Apl. 1881	.....	...
Calcutta	Ditto, ditto, Head-Quarters Office	1st Apl. 1884	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	6th June 1890.
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	30th Sept. 1890	.....	...
Ditto	Surveyor, 4th grade, ditto, ditto	4th Nov. 1890	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, 5th grade (re-organisation), ditto, ditto.	23rd May 1893	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1893	.....	...

Under suspension (on $\frac{1}{2}$ pay) from 15th May to 6th August 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Sub-Asst. Supdt., 1st grade, attached to Head-Quarters Office	7th Aug. 1894	.....	..
	<i>Privilege leave for 1 month and 14 days, from 1st July 1897.</i>			

Marten, James.—Joined the service, 22nd October 1875.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Apprentice, attached to Forest Survey Department	22nd Oct. 1875	.....	..
...	Surveyor, attached to Forest Survey Department	1st Mar. 1876	.....	..
	<i>Leave on medical certificate for 2 months, from 16th January 1882.</i>			
Central Pro- vinces	Asst Surveyor, 1st grade, on deputation, Forest Survey Dept.	6th Oct. 1888	.....	..
...	Sub.-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	..
...	Extra Asst. Supdt., 6th grade, ditto, ditto	27th Oct. 1895	.....	..

Marten, Thomas, Sinclair.—Joined the service, 14th March 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Prov- inc. s,	Surveyor, attached to Forest Survey Department	14th March 1874	.....	..
Central Prov- inces	Asst. Surveyor, 1st grade, on deputation, Forest Survey Department	6th Oct. 1888	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Sub-Asst. Supdt., 1st grade, on deputation, Forest Survey Department	18th Aug. 1892	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	23rd May 1893	.....	...

McA'Fee, Charles Henry,—Joined the service, 6th September 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Sub.-Asst., 3rd class, attached to Bombay Party (Mangalore Meridl. Series), G. T. Survey	6th Sept. 1864	.....	...
Ditto	Ditto, 4th grade, ditto	1st April 1866	.....	...
Ditto	Ditto, ditto, attached to Kathiawar Topl. Survey	1st Nov. 1866	.....	...
Ditto	Ditto, 3rd grade, ditto	1st June 1867	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Sept. 1869	.....	...
Ditto	Ditto, ditto, attached to Gujarat Topl. Survey	1st Nov. 1869	.....	...
Ditto	Ditto, 2nd grade, ditto	1st May 1870	.....	...
Ditto	Ditto, 1st grade, ditto	1st May 1873	.....	...
<i>Privilege leave for 1 month, from 4th August 1873.</i>				
Bombay	Asst. Surveyor, 1st grade, attached to Gujarat Topl. Survey	4th Sept. 1873	.....	...
Himalayas	Ditto, ditto, attached to Kinnon and Garhwal Topl. Survey	1st April 1874	.....	...
Bombay	Ditto, ditto, attached to Gujarat Topl. Survey	1st Dec. 1874	.....	...
Ditto	Surveyor, 4th grade, ditto	1st Aug. 1875	.....	...
<i>Privilege leave for 2 months, from 8th June 1878.</i>				
Bombay	Surveyor, 4th grade, attached to Gujarat Topl. Survey	8th Aug. 1878	.....	...
<i>Privilege leave, from 4th September to 1st November 1882.</i>				
Bombay	Surveyor, 4th grade, attached to Gujarat Topl. Survey	2nd Nov. 1882	.....	...
<i>Leave on medical certificate for 1 month, from 30th December 1882.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment	Date.
Pombay	Surveyor, 4th grade, attached to Gujarat Topl. Survey	30th Jan. 1883	.....	..
Dehra-Dun	Ditto, ditto, attached to Drawing Section, Trigl. Branch Office	1st Feb. 1885	.....	..
Ditto	Surveyor, 3rd grade, ditto	1st July 1886	.....	..
Ditto	Extra Asst. Supdt., 3rd grade, ditto, ditto	18th Aug. 1892	.....	..
Ditto	Ditto, 2nd grade, ditto	8th Nov. 1892	.....	..
Ditto	Ditto, 4th grade (re-organisation), ditto	23rd May 1893	.....	..
<i>Privilege leave for 2 months, from 3rd January 1895.</i>				
Dehra-Dun	Extra Asst. Supdt., 4th grade, attached to Drawing Section, Trigl. Branch Office	3rd Mar. 1895	.....	..
Ditto	Ditto, 3rd grade, ditto	26th Nov. 1895	.....	..

McHatton, John.—Joined the service, 1st July 1867.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces.	Asst. Surveyor, 4th grade, attached to No. 2 Party, Rev. Survey	1st July 1867	.....	..
Ditto	Ditto, 3rd grade, ditto	1st July 1870	.....	..
Ditto	Ditto, 2nd grade, ditto	1st July 1873	.....	..
N. W.-Provinces	Ditto, ditto, attached to No. 2 Party, Cadastral Survey	1st Jan. 1874	.....	..
Calcutta	Ditto, ditto, attached to Head-Quarters Office (Revenue Branch)	1st Nov. 1876	.....	..
<i>Furlough out of India, from 1st January to 31st December 1879.</i>				
Lower Burma	Asst. Surveyor, 2nd grade, attached to No. 2 Party, Cadl. Survey	1st Jan. 1880	.....	..
Ditto	Ditto, 1st grade, ditto	1st April 1881	.....	..
Central Provinces.	Ditto, ditto, attached to No. 2 Party, Revenue and Cadl. Survey	7th Oct. 1884	.....	..
Ditto	Ditto, ditto	.....	Surveyor, 4th grade	24th Nov. 1898.
Ditto	Surveyor, 4th grade, attached to No. 2 Party, Revenue and Cadl. Survey	16th May 1889	.....	..
Bengal	Ditto, ditto, ditto	1st Nov. 1889	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bengal	Extra Asst. Supdt., 4th grade, attached to No. 2 Party, Revenue and Cadl. Survey	18th Augt. 1892	.....	...
Ditto	Ditto, 5th grade (re-organisation) ditto	23rd May 1893	.....	..
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	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, Cadl. Survey	1st Oct. 1895	.....	..
Calcutta	Ditto, ditto, attached to Head-Quarters Office	4th Nov. 1896	.....	...
Ditto	Ditto, ditto, and Draftsman, Head-Quarters Office	7th Nov. 1896	.....	...
Ditto	Ditto, ditto, and Head Draftsman, ditto	2nd Dec. 1896	.....	...

Murphy, John.—Joined the service, 22nd November 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N. W.-P. and Oudh.	Office Assistant, attached to 2nd Divn., Revenue Survey	22nd Nov. 1868	.....	...
Ditto	Proby. Assistant Surveyor, 4th grade, ditto, 1st Divn., ditto	1st Nov. 1871	.....	...
Ditto	Ditto, ditto, 2nd Divn., ditto	1st Jan. 1872	.....	...
Ditto	Ditto, ditto, ditto, 4th Divn., Revenue and Cadl. Survey	1st Oct. 1877	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Jan. 1878	.....	...
Burma	Ditto, ditto, attached to No. 2 Party, Cadl. Survey	1st Dec. 1879	.....	...
Ditto	Ditto, 2nd grade, ditto	1st April 1881	.....	...
N. W.-Provinces	Ditto, ditto, attached to No. 5 Party, Revenue and Cadl. Survey	20th June 1883	.....	...
Ditto	Ditto, 1st grade, ditto	10th Aug. 1883	.....	...
Lower Burma	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	1st Nov. 1891	.....	...
Ditto	Sub.-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	23rd May 1893	.....	...
<i>Privilege leave from 15th August to 12th October 1896.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N. W.-P. and Oudh.	Extra Asst. Supdt., 6th grade, attached to No. 8 Party, Revenue Survey.	1st Oct. 1896	.....	...
Ditto	Ditto, 5th grade, ditto	1st Jan. 1897	.....	...

Murphy, Jopseph Horrocks.—Joined the service, 1st November 1887.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 5 Party, Cadl. Survey	1st Nov. 1887	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Nov. 1888.	.....	...
<i>Leave on medical certificate for 1 month, from 18th April 1890.</i>				
N.-W. Provinces	Asst. Surveyor, 2nd grade, attached to No. 5 Party, Cadl. Survey	13th May 1891	.....	...
Ditto	Sub.-Asst. Supdt., 2nd grade, ditto, ditto	18th Apl. 1892	.....	...
Ditto	Ditto, ditto, attached to Garhwal Detacht., Cadl. Survey	1st June 1893	.....	...
Lower Burma	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	1st Apl. 1894	.....	...
Ditto	Ditto, ditto, on deputation as Demarcation Officer, Rangoon Municipality	11th May 1895	.....	...
Ditto	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	1st Dec. 1896	.....	...
<i>Privilege leave for 3 months, from 16th June 1897.</i>				

Newland, Walter.—Joined the service, 11th September 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. Sub.-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadastral Survey .	11th Sept. 1893	.....	...
Ditto	Sub.-Asst. Supdt., 3rd grade, ditto .	11th Sept. 1894	.....	...
Ditto	Sub.-Asst. Supdt., 2nd grade, ditto .	26th Nov. 1895	.....	...
<i>Privilege leave for 3 months, from 1st June 1897.</i>				

Nichol, John Henry.—Joined the service, 16th December 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Naini Tal	Surveyor, attached to Forest Survey Department . . .	16th Dec. 1888	.....	...
Central Provinces and Bashahr (Punjab) and Assam.	Proby. Asst. Surveyor, 3rd grade, attached to Forest Survey Department . . .	12th Dec. 1889	.....	...
Assam, C. P., and Bashahr	Asst. Surveyor, 3rd grade, ditto	12th Dec. 1890	.....	...
Ditto	Ditto, 2nd grade, ditto	6th Dec. 1892	.....	...
Central Provinces and Upper Burma . . .	Sub.-Asst. Supdt., 2nd grade, ditto .	18th Aug. 1892	.....	...
Upper Burma and Central Provinces .	Sub.-Asst. Supdt., 3rd grade (re-organisation), ditto .	23rd May 1893	.....	...
Ditto	Sub.-Asst. Supdt., 2nd grade, ditto . . .	25th Nov. 1893	.....	...

Norman, Charles Arthur.—Joined the service, 12th October 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 4th grade, attached to Gujarat Party, Topl. Survey	12th Oct. 1874	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	6th Oct. 1883	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1887	.....	...
Ditto	Ditto, ditto, attached to No. 17 Party, Topl. (Forest) Survey	1st Oct. 1888	.....	...
Ditto	Sub. Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	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, 1st September 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 4th grade, attached to Gujarat Party, Topl. Survey	1st Sept. 1874	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	...
Ditto	Ditto, 2nd grade, ditto	30th Apl. 1883	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1887	.....	...
Ditto	Ditto, ditto, attached to No. 17 Party, Topl. Survey	1st Oct. 1888	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto, ditto	7th Aug. 1894	.....	...

O'Donel, Conel Angus.—Joined the service, 10th December 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Lower Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 20 Party, Topl. (Forest) Survey	10th Dec. 1896	.....	...

O'Donel, James Hoppner.—Joined the service, 1st October 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bengal	Proby. Asst. Surveyor, attached to 5th Divn., Revenue Survey.	1st Oct. 1863	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Oct. 1866	.....	...
Oudh	Ditto, 2nd grade, attached to 3rd Divn., Revenue Survey	1st Oct. 1869	.....	...
N.-W. Provinces	Ditto, 1st grade, attached to 3rd Divn., Cadastral Survey	1st Oct. 1872	.....	...
Ditto	Ditto, ditto . . . . .	...	Surveyor, 4th grade	1st Nov. 1878.
Ditto	Ditto, ditto, attached to 6th Divn., Cadastral Survey	11th Dec. 1878	.....	...
Bengal	Ditto, ditto, on special duty, Midnapur Survey	1st Jan. 1879	.....	...
Ditto	Ditto, ditto . . . . .	...	Surveyor, 4th grade	22nd Feb. 1879.
N.-W. Provinces	Ditto, ditto, attached to 6th Divn., Cadastral Survey	21st Mar. 1879	Ditto ditto	21st Mar. 1879.
Ditto	Ditto, 4th grade, ditto	22nd Oct. 1879	.....	...
Lower Burma	Ditto, ditto, attached to No. 8 Party, Cadastral Survey	1st July 1880	... ..	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st April 1882	.....	...
Ditto	Ditto, ditto, and Draftsman, ditto	21st April 1882	.....	...
Assam	Ditto, ditto, attached to 6th Divn., Cadastral Survey	29th Oct. 1883	.....	...
Ditto	Ditto, 3rd grade ditto	24th Nov. 1888	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam	Extra Asst. Supdt., 3rd grade, in charge, No. 6 Party, Cadl. Survey	18th Aug. 1892	.....	...
Ditto	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, (re-organization), on deputation	23rd May 1893	.....	...
Ditto	Ditto, 3rd grade, ditto	8th June 1896	.....	...

Ollenbach, Osmond Charles.—Joined the service, 23rd November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Asst. Surveyor, 3rd grade, attached to Head-Quarters Office	23rd Nov. 1891	.....	...
Ditto	Proby. Sub-Asst. Supdt., 3rd grade, ditto, ditto	18th Aug. 1892	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	26th Oct. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto, ditto	23rd Nov. 1892	.....	...
Ditto	Ditto, ditto 2nd grade, ditto	25th Oct. 1895	.....	...

Parker, George Edwin.—Joined the service, 18th November 1870.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces.	Proby. Asst. Surveyor, 3rd grade, attached to 4th Division, Revenue Survey	18th Nov. 1870	.....	...
Bombay	Ditto, ditto, attached to 2nd Division, Revenue Survey	Nov. 1872	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dengal	Proby. Asst. Surveyor, 3rd grade, attached to 3rd Division, Revenue Survey . . .	31st Dec. 1872	.....	...
Ditto	Ditto, 3rd grade, ditto . . .	8th July 1874	.....	...
Chota Nagpur	Ditto, ditto, attached to Cndl. Survey . . .	Nov. 1877	.....	...
Burma . . .	Ditto, ditto, attached to Cndl. Survey . . .	30th Nov. 1878	.....	...
Ditto	Ditto, 2nd grade, ditto . . .	17th Dec. 1880	.....	...
Ditto	Ditto, 1st grade, ditto . . .	17th July 1883	.....	...
Central Provinces.	Ditto, ditto, on deputation, Settlement Department	1st Oct. 1885	.....	...
Ditto	Surveyor, 4th grade, ditto . . .	8th May 1892	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto, ditto . . .	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade (re-organisation) ditto . . .	23rd May 1893	.....	...
Calcutta . . .	Ditto, ditto, attached to Head-Quarters Office . . .	12th Nov. 1894	...	...
N.-W. Provinces.	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>				
N.-W. Provinces.	Extra Asst. Supdt., 5th grade, attached to No. 2 Party, Revenue Survey . . .	1st Oct. 1895	.....	...
<i>Privilege leave for 2 months and 27 days, from 6th May 1896.</i>				
Calcutta . . .	Extra Asst. Supdt., 5th grade, attached to Head-Quarters Office . . .	23rd Oct. 1896	.....	...

Penrose, William Henry.—Joined the service, 11th August 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Asst. Surveyor, 4th grade, attached to 4th Divn., Revenue Survey . . .	11th Aug. 1869	.....	...
Bombay . . .	Ditto, ditto, attached to 2nd Divn. or No. 11 Party, Topl. Revenue Survey . . .	1st Oct. 1872	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam .	Asst. Surveyor, 3rd grade, attached to 2nd Division or No. 11 Party, Topl. Revenue Survey	4th June 1873	.....	...
Ditto .	Ditto, 2nd grade, ditto	1st Jan. 1878	.....	...
Burma .	Ditto, ditto, attached to No. 8 Party, Cadastral Survey	1st Nov. 1881	.....	...
<i>Leave on medical certificate, from 22nd October to 28th November 1883.</i>				
Burma .	Asst. Surveyor, 2nd grade, attached to No. 7 Party, Topl. Survey.	1st Dec. 1884	.....	...
<i>Leave on medical certificate, from 3rd August 1886 to 2nd February 1887.</i>				
Calcutta .	Asst. Surveyor, 2nd grade, attached to Head-Quarters Office	3rd Feb. 1887	.....	...
Burma .	Ditto, ditto, attached to No. 20 Party, Topl. Survey	1st June 1887	.....	...
Ditto .	Ditto, 1st grade, ditto	1st June 1888	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	1st Nov. 1889	.....	...
Bengal .	Ditto, ditto, attached to No. 4 Party (Western Duars) Cadastral Survey	1st June 1891	.....	...
Ditto .	Sub-Asst. Supdt., 1st grade, ditto, ditto	18th Aug. 1892	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	1st Nov. 1892	.....	...
Ditto .	Extra Asst. Supdt., 6th grade, attached to Head-Quarters Office	23rd May 1893	.....	...
Assam .	Ditto, ditto, attached to No. 6 Party, Cadastral Survey	5th June 1893	... ..	...
Ditto .	Ditto, ditto . . . . .	...	In temporary charge, No. 6 Party, Cadl. Survey	23rd Apl. 1895.
Ditto .	Ditto, ditto, ditto	3rd Nov. 1895	.....	...
Ditto .	Ditto, 5th grade, ditto	26th Nov. 1895	.....	...
Ditto .	Ditto, ditto . . . . .	...	In temporary charge No. 6 party, Cadl. survey	2nd May 1897.

Petters, Malcolm Campbell.—Joined the service, 1st November 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 14 Party, Topl. (Forest) Survey	1st Nov. 1895	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto ditto	1st Nov. 1896	.....	...
Ditto	Ditto ditto, 2nd grade, ditto ditto	5th Feb. 1897	.....	...

Peychers, Alexander Henry.—Joined the service, 15th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Proby. Sub-Asst. Supdt., 3rd grade, attached to Trigl. Branch Office	15th Oct. 1895	.....	...
North-Western Provinces	Ditto, ditto, attached to No. 2 Party, Revenue Survey	17th Nov. 1895	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto ditto	15th Oct. 1896	.....	...
Ditto	Ditto, 2nd grade ditto	21st Mar. 1897	.....	...

Peychers, Henry William.—Joined the service, 8th April 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Apprentice, attached to the Computing Office, Trigl. Survey	8th April 1862	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Resigned 3rd July 1862.</i>				
<i>Re-appointed 1st August 1862.</i>				
Central India & Dehra Dun	Apprentice, attached to the Rahun Meridional Series, Trigl. Survey	1st Sept. 1862	.....	...
Ditto	Sub-Asst. Surveyor, 3rd class, Trigl. Survey	1st Oct. 1862	.....	...
Bengal & Central Provinces	Ditto ditto, attached to the Calcutta Longitudinal and Sambalpur Meridional Series, Trigl. Survey	1st Oct. 1863	.....	...
Ditto	Sub-Asst. Surveyor, 2nd class, attached to ditto.	1st May 1863	.....	...
<i>Privilege leave for 1 month, from 1st August 1865.</i>				
Pengal & Central Provinces.	Sub-Asst. Surveyor, 2nd grade, attached to the Calcutta Longitudinal and Sambalpur Meridional Series, Trigl. Survey	1st Oct. 1867	.....	...
<i>Privilege leave for 1 month, from 1st October 1868.</i>				
Bengal & Central Provinces	Asst. Surveyor, 1st grade, attached to the Bilaspur Meridional Series, Trigl. Survey	1st April 1871	.....	...
Dehra Dun	Ditto ditto, attached to the Computing Office, Trigl. Survey	1st Sept. 1871	.....	...
<i>Privilege leave for 14 days, from 11th June 1873.</i>				
<i>Privilege leave for 31 days, from 24th March 1874.</i>				
Dehra Dun	Surveyor, 4th grade, attached to the Computing Office, Trigl. Survey	1st June 1874	.....	...
<i>Privilege leave for 1 month and 22 days, from 1st February 1883.</i>				
Dehra Dun	Surveyor, 3rd grade, attached to the Computing Office, Trigl. Survey	12th Mar. 1883	.....	...
<i>Privilege leave for 1 month, from 18th January 1887.</i>				
Dehra Dun	Surveyor, 2nd grade, attached to Computing Office, Trigl. Survey	13th May 1889	.....	...
Ditto	Extra Asst. Supdt., 2nd grade, attached to ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade (re-organisation) ditto	23rd May 1893	.....	...
Ditto	Ditto, 2nd grade, ditto	25th Nov. 1893	.....	...
<i>Privilege leave for 2 months and 28 days, from 28th April 1895</i>				
<i>Ditto for 1 month and 29 days, from 26th April 1897.</i>				

Pocock, Lovell Jeremiah.—Joined the service, 10th July 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces.	Sub-Asst. Surveyor, 3rd class, attached to Jubbulpore Meridional Series (Great Trigl. Survey)	10th July 1863	.....	...
Ditto .	Ditto, 2nd class, ditto .	1st Aug. 1865	.....	...
<i>Leave on medical certificate, from 21st July to 17th October 1867.</i>				
Mussoori .	Sub-Asst. Surveyor, 2nd class, attached to Kumaon and Garhwal Topl. Survey .	18th Oct. 1867	.....	...
Ditto .	Ditto, 2nd grade, ditto .	1st Sept. 1868	.....	...
Ditto .	Asst. Surveyor, 1st grade, ditto	1st April 1871	.....	...
Ditto .	Surveyor, 4th grade, ditto .	1st July 1874	.....	...
Bangalore .	Ditto, ditto, attached to No. 8 Party, Topl. Survey .	1st Oct. 1875	.....	...
Ditto .	Ditto ditto . . . . .	...	Attached to P. W. D., on Famine Relief Work (for one year)	November 1877.
Burma . .	Ditto ditto, attached to Eastern Frontier Series (Great Trigl. Survey)	1st Oct. 1880	.....	...
Mysore . .	Ditto ditto, attached to No. 8 Party, Topl. Survey	8th April 1882	.....	...
Ditto . .	Surveyor, 3rd grade, ditto .	1st Nov. 1883	.....	...
Mirzapur and Hooshangabad	Ditto ditto, attached to No. 14 Party, Topl. (Forest) Survey	16th July 1885	.....	...
Debra Dun .	Ditto ditto, attached to the Trigl. Survey Office .	1st Oct. 1889	.....	...
Ditto . .	Ditto, 2nd grade, ditto .	25th April 1891	.....	...
Calcutta . .	Ditto ditto and Head Draftsman, Head-Quarters Office	30th July 1892	.....	...
Ditto . .	Extra-Asst. Supdt., 2nd grade, and ditto ditto	18th Aug. 1892	.....	...
Ditto . .	Ditto ditto . . . . .	...	Chief Draftsman, Head-Quarters Office .	11th April 1893.
Ditto . .	Ditto, 3rd grade (re-organisation) ditto	23rd May 1893	Ditto ditto	...
Ditto . .	Ditto ditto ditto	6th July 1893	.....	...
<i>Privilege leave for 3 months, from 15th July 1893.</i>				
Calcutta . .	Extra-Asst. Supdt., 3rd grade, and Chief Draftsman, Head-Quarters Office	1st April 1894	.....	...
Ditto . .	Ditto, 1st grade (super-numerary) ditto	1st April 1896	.....	..
<i>Privilege leave for 3 months, from 17th May 1896.</i>				

Potter, Clemons Defries.—Joined the service, 29th October 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bangalore .	Asst. Surveyor, 4th grade, attached to Meridl. and Longl. Series, G. T. Survey . . .	29th Oct. 1866	.....	...
Ditto and Tinnevely	Ditto, 3rd grade, ditto . . .	Feb. 1869	.....	...
Ditto and Tanjore .	Ditto, 2nd grade, ditto . . .	1st July 1873	.....	...
Ditto and South Arcot	Ditto, 1st grade, ditto . . .	1st Oct. 1874	.....	...
Ditto, Moulmein and Mergui	Ditto, ditto attached to Eastern Frontier Survey Party, G. T. Survey . . .	Nov. 1880	.....	...
Mussoorie and ditto ditto	Ditto ditto . . .	.....	In temporary charge, Eastern Frontier Survey Party, G. T. Survey . . .	March 1882.
Ditto ditto .	Ditto ditto, attached to Eastern Frontier Survey Party, G. T. Survey . . .	May 1882	.....	...
Mussoorie and Cuttack .	Ditto ditto, attached to Secondary Triangulation Survey Party . . .	Oct. 1882	.....	...
Ditto and Berhampore	Ditto ditto . . .	.....	Surveyor, 4th grade .	4th Sept. 1893.
Ditto and Vizagapatam	Surveyor, 4th grade, attached to Secondary Triangulation Survey Party . . .	10th Nov. 1884	.....	...
Ditto and Mirzapore .	Ditto ditto, attached to Mirzapore Topl. Survey . . .	June 1885	.....	...
Simla and Himalaya .	Ditto ditto, attached to No. 18 Party, Topl. Survey . . .	1st Nov. 1887	.....	...
Ditto .	Ditto, 3rd grade, ditto . . .	1st Apl. 1892	.....	...
Ditto .	Extra Asst. Supdt., 3rd grade, ditto ditto . . .	18th Aug. 1892	.....	...
Ditto .	Ditto, 5th grade (re-organisation) ditto . . .	23rd May 1893	.....	...
Ditto .	Ditto ditto, ditto . . .	.....	In temporary charge, No. 18 Party, Topl. Survey . . .	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, Topl. Survey . . .	15th Jan. 1896.
Ditto .	Ditto ditto, ditto . . .	12th Nov. 1896	.....	...

Powell, Frank Burgess.—Joined the service, 23rd September 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ajmere .	Proby. Asst. Surveyor, 3rd grade, attached to Rev. Survey Detachment . . .	23rd Sept. 1886	.....	...
N.W. P.	Ditto ditto, attached to No. 5 Party, Cadastral Survey . . .	1st Nov. 1886	.....	...
Ditto .	Ditto ditto, attached to No. 4 A Party, Cadastral Survey . . .	1st May 1887	.....	...
Ditto .	Asst. Surveyor, 3rd grade, ditto	23rd Sept. 1887	.....	...
Bengal .	Ditto ditto, attached to Burdwan Raj Cadastral Survey . . .	20th Dec. 1887	.....	...
<i>Privilege leave for 3 months, from 1st July 1889.</i>				
Lower Burma	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Cadastral Survey . . .	20th Mar. 1890	.....	...
Ditto .	Asst. Surveyor, 2nd grade, ditto	5th May 1890	.....	...
Ditto .	Sub-Asst. Supdt., 2nd grade, ditto ditto . . .	18th Aug. 1892	.....	...
<i>Privilege leave for 2 months and 10 days, from 16th August 1894.</i>				
N.W. P.	Sub-Asst. Supdt., 2nd grade, attached to No. 2 Party, Revenue Survey . . .	13th Oct. 1895	.....	...
Ditto .	Sub-Asst. Supdt., 1st grade, ditto ditto . . .	27th Oct. 1895	.....	...
Ditto .	Ditto ditto, on deputation to Settlement Department . . .	3rd Oct. 1896	.....	...

Powell, Harry Burgess.—Joined the service, 1st January 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Office Asst., attached to No. 3 Party . . .	1st Jan. 1890	.....	...
Ditto .	Proby. Asst. Surveyor, 3rd grade, attached to No. 3 Party, Cadastral Survey . . .	22nd Nov. 1891	... ..	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadastral Survey	18th Aug. 1892	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	22nd Nov. 1892	.....	..
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	3rd May 1895	.....	..
Ditto	Ditto ditto, attached to Land Records Department	20th Nov. 1895	.....	..

Price, Walter Caspersz.—Joined the service, 1st November 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Eastern Frontier	Sub-Asst. Surveyor, 4th grade, attached to Great Trigl. Survey	1st Nov. 1863	.....	..
Ditto	Ditto, 3rd grade, ditto	1st Nov. 1865	.....	..
Bombay	Ditto ditto, ditto	1st Jan. 1869	.....	..
Ditto	Asst. Surveyor, 2nd grade, ditto	1st May 1870	.....	..
Ditto	Ditto, 1st grade, ditto	1st Nov. 1872	.....	..
Ditto	Surveyor, 4th grade, ditto	1st Oct. 1874	.....	..
Ditto	Ditto ditto	...	In charge, Bombay Party, Trigl. Survey	1878-79.
N.-W. Prov.	Ditto ditto, attached to No. 4 Party, Cadastral Survey	1st Oct. 1880	.....	..
Ditto	Ditto, 3rd grade, ditto	15th Nov. 1885	.....	..
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st March 1889	.....	..
Upper Burma	Ditto ditto, attached to No. 3 Party, Cadastral Survey	18th Oct. 1889	.....	..
Calcutta	Ditto ditto, attached Head-Quarters Office	1st Nov. 1890	.....	..
Ditto	Ditto, 2nd grade, ditto	8th May 1892	.....	..
Ditto	Extra Asst. Supdt., 2nd grade, ditto	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, Cadastral Survey	15th Oct. 1892	.....	..
Lower Burma	Ditto ditto, attached to No. 7 Party, Cadastral Survey	1st Dec. 1892	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Lower Burma	Extra Asst. Supdt., 4th grade, (re-organisation) attached to No. 7 Party, Cadastral Survey	23rd May 1893	.....	...
Ditto	Ditto, 3rd grade, ditto	18th Dec. 1893	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge No. 7 Party, Cadastral Survey.	13th April 1895.
Ditto	Ditto, ditto, ditto	13th July 1895	.....	...

Prunty, Patrick Fitzroy.—Joined the service, 1st December 1873.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dun	Computer, attached to Trigonometrical Survey Office.	1st Dec. 1873	.....	..
Ditto	Asst. Surveyor, 4th grade, ditto ditto	9th May 1874	.....	...
Bombay and Rajputana	Ditto ditto, attached to Jodhpur and Sind Series, G. T. Survey.	1st June 1874	.....	...
Bombay	Ditto ditto, attached to Kathiawar Party, Topl. Survey	31st Oct. 1878	.....	...
<i>Privilege leave for 1 month, from 10th October 1879.</i>				
Bombay	Asst. Surveyor, 3rd grade, attached to Kathiawar Party, Topl. Survey	21st Sept. 1880	.....	...
<i>Privilege leave for 1 month, from 15th June 1881.</i>				
Bombay	Asst. Surveyor, 2nd grade, attached to Kathiawar Party, Topl. Survey	22nd Jany. 1883	.....	...
<i>Privilege leave for 1 month, from 10th July 1893. (Leave for 17 days only availed of having returned to duty on the forenoon of 27th July 1893.)</i>				
<i>Privilege leave for 1 month and 14 days, from 15th April 1884.</i>				
...	Asst. Surveyor, 2nd grade, attached to No. 1 Astro. Party	1st Nov. 1884	.....	...
Poona	Ditto ditto, attached to Tidal and Levelling Party	12th Oct. 1885	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 2 months, from 1st May 1885.</i>				
Poona	Asst. Surveyor, 1st grade, attached to Tidal and Levelling Party	14th May 1886	.....	...
Simla	Ditto ditto, attached to No. 18 Party, Topl. Survey	1st Nov. 1886	.....	...
<i>Privilege leave for 3 months, from 2nd September 1890. (Returned to duty on forenoon of 30th November 1890.)</i>				
Simla	Sub-Asst. Supdt., 1st grade, attached to No. 18 Party, Topl. Survey	18th Aug. 1892	.....	...
Upper Burma	Ditto ditto, attached to No. 24 Party, G. T. Survey	15th Sept. 1893	.....	...
Ditto	Ditto ditto	...	Extra Asst. Supdt., 6th grade, attached to No. 24 Party, G. T. Survey	24th Oct. 1893.
Ditto	Extra Asst. Supdt., 6th grade, ditto ditto	15th Nov. 1893	.....	...
<i>Privilege leave for 27 days, from 7th June 1894.</i>				
Baluchistan	Extra Asst. Supdt., 6th grade, attached to No. 24 Party, G. T. Survey	Oct. 1896	.....	...

Rae, George.—Joined the service, 19th November 1890.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 9 Party, Revenue Survey	19th Nov. 1890	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	19th Nov. 1891	.....	...
Ditto	Ditto, 2nd grade, ditto	31st Dec. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, (re-organisation) ditto	23rd May 1893	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Apl. 1894	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P. and Oudh	Sub-Assst. Supdt., 2nd grade, attached to No. 8 Party, Revenue Survey	1st Dec. 1894	.....	...

Rahmatulla.—Joined the service, 19th August 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Computer, attached to Computing Office	19th Aug. 1886	.....	...
Ditto	Proby. Asst. Surveyor, 3rd grade, attached to Computing Office, Trigonometrical Survey	13th Nov. 1891	.....	...
Ditto	Proby. Sub-Assst. Supdt., 3rd grade, ditto ditto	18th Aug. 1892	.....	...
Central Provinces.	Ditto ditto, attached to No. 14 Party, Topl. (Forest) Survey	1st Oct. 1892	.....	...
Ditto	Sub-Assst. Supdt., 3rd grade, ditto ditto	1st Dec. 1892	.....	...
Ditto	Ditto, 2nd grade, ditto ditto	27th Mar. 1895	.....	...
Sind	Ditto ditto, attached to No. 12 Party, Topl. Survey	1st Nov. 1896	.....	...

Privilege leave for 3 months, from 23rd June 1897.

Rendell, Thomas Henry.—Joined the service, 11th October 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Sub-Assst. Surveyor, 3rd grade, attached to Great Trigonometrical Survey	11th Oct. 1864	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 3rd grade, attached to Kathiawar Topl. Survey	1st June 1867	.....	..
Ditto	Ditto, 2nd grade, ditto	1st Sept. 1870	.....	..
Ditto	Ditto, 1st grade, ditto	1st June 1873	.....	..
Poona	Ditto ditto, attached to Tidal and Levelling Party	1st March 1874	.....	..
Ditto	Surveyor, 4th grade, ditto	2nd June 1881	.....	..
Simla	Ditto ditto, attached to Office of Qr. Mr. Genl. in India	11th Aug. 1885	.....	..
Dehra Dun	Ditto ditto, attached to Trigl. Survey Office	31st Nov. 1886	.....	..
Ditto	Surveyor, 3rd grade, ditto	16th May 1889	.....	..
Upper Burma	Ditto ditto, attached to No. 24 Party, Trigl. Survey	15th Oct. 1889	.....	..
Ditto	Extra Asst. Supdt., 3rd grade, ditto ditto	18th Aug. 1892	.....	..
Ditto	Ditto, 4th grade (re-organisation) ditto	23rd May 1893	.....	..
<i>Privilege leave for 3 months, from 10th July 1896.</i>				
<i>Furlough in India for 3 months, from 24th October 1893, commuted to leave on medical certificate.</i>				
Simla	Extra Asst. Supdt., 4th grade, attached to Simla Drawing Office	24th Jan. 1894	.. ..	..
<i>Privilege leave for 34 days, from 3rd October 1896.</i>				
Calcutta	Extra Asst. Supdt., 4th grade, attached to Head-Quarters Office	20th Nov. 1896	.....	..
Ditto	Ditto, 3rd grade, ditto	12th Dec. 1896	.....	..
<i>Privilege leave for 2 months and 12 days, from 15th May 1897.</i>				

Robert, William.—Joined the service, 21st August 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Cherra- poonjee, Calcutta	Asst. Surveyor, 4th grade, attached to No. 6 Party, Topl. Survey	21st Aug. 1869	.....	..
Ditto	Ditto ditto, attached to Northern Column, Lushai Expeditionary Force.	1871-72.	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dacca, Shillong	Asst. Surveyor, 3rd grade, attached to Northern Column, Garo Hills Expeditionary Force.	1st Oct. 1872	.....	...
Ditto	Ditto ditto, attached to Daphla Expeditionary Force	Oct. 1874	.....	...
Ditto	Ditto ditto, attached to No. 6 Party, Topl. Survey	1875	.....	...
Ditto	Ditto ditto, attached to North Brahmaputra Exploration Survey	Oct. 1877	.....	...
Ditto	Ditto, ditto	...	Asst. Surveyor, 2nd grade.	1st Jan. 1878.
Ditto and Bengal.	Ditto ditto, 2nd grade, ditto	13th July 1878	.....	...
Darjeeling	Ditto ditto, attached to Darjeeling Party, Trigl. and Topl. Survey.	Oct. 1878	.....	...
...	Ditto, ditto, Independent Sikkim Survey	Oct. 1880	.....	...
Ditto	Ditto 1st grade, ditto	1st April. 1881	.....	...
...	Ditto ditto	1st Aug. 1883	.....	...
Ditto	Ditto ditto, on deputation Boundary, Settlement Survey, Darjeeling District	Oct. 1881	.....	:
Ditto	Ditto ditto, attached to Darjeeling Party, Topl. Survey.	1st April 1882	.....	...
Museorie	Ditto ditto on deputation, Tea-Grants Survey	April 1884	.....	...
Dehra Dun	Ditto ditto, attached to Trigl. Survey Office, Dehra Dun	Oct. 1885	.....	...
Simla	Ditto ditto, attached to No. 18 Party, Topl. Survey	Oct. 1886	.....	...
Ditto	Ditto ditto, in charge Kulu and Simla Hill States, Topl. Survey	Dec. 1886	.....	...
Assam	Ditto ditto, on deputation, Trigl. Survey	Sept. 1889	.....	...
Simla	Ditto ditto, in charge Kulu and Simla Hill States, Topl. Survey	Mar. 1890	.....	...
Ditto	Ditto ditto	...	Surveyor, 4th grade	25th June 1891,
Ditto	Surveyor, 4th grade, ditto	5th Jan. 1892	.....	...
Ditto	Extra Asst. Supdt., 4th grade, attached to No. 18 Party, Topl. Survey	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade (re-organisation) ditto ditto	23rd May 1893	.....	...
<i>Privilege leave for one month and 24 days, from 11th June 1894.</i>				
Simla	Extra Asst. Supdt., 5th grade, attached to No. 18 Party, Topl. Survey	6th July 1894	.....	...

Roy, Himansu Kumar.—Joined the service, 15th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadl. Survey	15th Oct. 1895	.....	..
	<i>Leave on medical certificate, from 13th July to 31st August 1896.</i>			
Upper Burma .	Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadl. Survey	15th Oct. 1896	.....	..

Scott, James Reid.—Joined the service, 19th January 1867.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh .	Proby. Asst. Surveyor, 4th grade, attached to 2nd Divn., Rev. Survey	19th Jan. 1867	.....	..
Ditto .	Asst. Surveyor, 3rd grade, ditto	1st May 1870	.....	..
N.-W. Prov..	Ditto ditto, attached to 5th Divn., Cadl. Survey	1st Oct. 1870	.....	..
Ditto .	Ditto ditto, 2nd grade, ditto	1st May 1873	.....	..
Orissa .	Ditto ditto, attached to Cuttack Cadl. Survey	1st Dec. 1877	.....	..
Ditto .	Ditto ditto, attached to 7th Divn., Khorda Cadl. Survey	31st Mar. 1880	.....	..
Burma .	Ditto ditto, attached to No. 7 Party, Cadl. Survey	31st Oct. 1880	.....	..
Ditto .	Ditto ditto, 1st grade, ditto	22nd Nov. 1880	.....	..
Central Provinces.	Ditto ditto, attached to No. 3 Party, Rev. Survey	1st Oct. 1885	.....	..
Ditto .	Ditto ditto, attached to No. 2 Party, Cadl. Survey	31st Dec. 1885	.....	..
Ditto .	Ditto ditto, on deputation, Settlement Dept.	8th Dec. 1887	.....	..
Ditto .	Ditto ditto . . . . .	..	Surveyor, 4th grade .	12th Nov. 1888.
Ditto .	Surveyor, 4th grade, ditto	13th May 1889	.....	..
Ditto .	Extra Asst. Supdt., 6th grade, ditto ditto	18th Aug. 1892	.....	..
Ditto .	Ditto ditto, 5th grade, ditto	23rd May 1893	.....	..
Ditto .	Ditto ditto (seconded) ditto	27th Oct. 1895	.....	..

Sen, Sarat Chunder.—Joined the service, 26th August 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Asst. Surveyor, 3rd grade, attached to No. 8 Party, Bengal and Orissa Town Survey	26th Aug. 1889	.....	...
Bengal	Ditto, ditto, attached to No. 2 Party, Cadl, Survey	1st Dec. 1889	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	26th Apl. 1890	.....	...
Ditto	Ditto, ditto, attached to Burdwan Detachment Cadl. Survey	1st Nov. 1891	.....	...
Calcutta	Ditto, ditto, attached to Town Survey	1st April 1892	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto ditto	13th Sept. 1892	.....	...
Ditto	Sub-Asst. Superintendent, 2nd grade, ditto	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Superintendent, 3rd grade, (Reorganisation), ditto	23rd May 1893	.....	...
Ditto	Sub-Asst. Superintendent, 2nd grade, ditto	1st Nov. 1893	.....	...
Ditto	Ditto, ditto, attached to Bengal Drawing Office	1st Oct. 1894	.....	...
<i>Leave on medical certificate, from 19th November 1894 to 10th January 1895.</i>				
Calcutta	Sub-Asst. Superintendent, 2nd grade, attached to Bengal Drawing Office	8th Jan. 1895	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1895	.....	...
Calcutta	Ditto, ditto, attached to Bengal Drawing Office	22nd Jan. 1896	.....	...
Bhurlpur	Ditto, ditto, attached to Bhurlpur Test Survey	14th Apl. 1896	.....	...
Calcutta	Ditto, ditto, attached to Bengal Drawing Office	9th May 1896	.....	...
Sind	Ditto, ditto, attached to No. 12 Party, (Sind) Topl. Survey	1st Nov. 1896	.....	...

Serrao, Philip Joseph.—Joined the service, 24th April 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Asst. Surveyor, 3rd grade, Head-Quarters Office	24th Apl. 1884	.....	...
Gujarat	Ditto, ditto, attached to No. 10 Party, Topl. Survey	1st Oct 1884	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gujarat	Asst. Surveyor, 3rd grade, attached to No. 10 Party, Topl. Survey	24th Apl. 1885	.....	...
Bombay	Ditto, ditto, attached to No. 17 Party, Forest Topl. Survey	20th Feb. 1888	.....	...
<i>Privilege leave for two months, from 26th June 1888.</i>				
Bombay	Asst. Surveyor, 2nd grade, attached to No. 17 Party, Forest Topl. Survey	24th Nov. 1888	.....	...
Central Provinces	Ditto, ditto, attached to No. 12 Party, Rev. Survey	1st Mar. 1889	.....	...
<i>Privilege leave for two months and 11 days, from 23rd July 1889.</i>				
Lower Burma	Asst. Surveyor, 2nd grade, attached to No. 12 Party, Rev. Survey	Nov. 1889	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	1st Nov. 1890	.....	...
<i>Privilege leave for 34 days, from 19th October 1891.</i>				
...	Asst. Surveyor, 1st grade, attached to No. 3 Party, Cadl. Survey	6th Nov. 1892	.....	...
Upper Burma	Sub-Asst. Supdt., 1st grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto ditto	27th Mar. 1895	.....	...
<i>Privilege leave for three months, from 14th August 1896.</i>				
Upper Burma	Sub-Asst. Supdt., 1st grade, attached to No. 10 Party, Topl. Survey	14th Nov. 1896	.....	...

Shaw, Henry George.—Joined the service, 1st January 1883.

Station.	Substantive appointment.	Date.	Officiating appointment.	Date.
Leh-Ladak (Kashmir), Mussooree, N.-W. P.	Asst., attached to Meteorological Dept.	1st Jan. 1883	.....	...
Dehra Dun	Asst. Surveyor, 3rd grade, attached to Computing Office	1st Jan. 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Asst. Surveyor, 3rd grade, attached to No. 14 Party, Topl. Survey	1st Oct. 1889	.....	...
Dehra Dun	Ditto, ditto, attached to Computing Office	30th June 1890	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto ditto	13th Sep. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	... ..	...
Upper Burma	Ditto, ditto, attached to No. 11 Party, Topl. Survey	80th Sep. 1892	.....	...
Ditto	Ditto, ditto, attached to Anglo-Siamese Boundary Commn.	1st Dec. 1892	.. ...	...
Ditto	Ditto, ditto, attached to No. 11 Party, Topl. Survey	1st May 1893	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	14th Aug. 1893	.....	...
<i>Privilege leave for one month, from 5th August 1895.</i>				
Upper Burma.	Sub-Asst. Supdt., 1st grade, attached to No. 11 Party, Topl. Survey	1st March 1897.	.....	...

Shaw, Thomas.—Joined the service, 21st April 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam	Proby. Asst., 4th grade, attached to 2nd Division, Rev. Survey	21st April 1869	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	1st May 1873	.....	..
N.-W. P.	Ditto, ditto, attached to 4th Division, Cadl. Survey	1st Dec. 1872	.....	...
<i>Privilege leave for two months, from 21st March 1874.</i>				
Bengal	Asst. Surveyor, 3rd grade, attached to 8th Division (Western Soane Irrigation). Cadl. Survey	1st Oct. 1874	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Jan. 1878	.....	...
<i>Privilege leave for three months, from 1st August 1878.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam .	Asst. Surveyor, 2nd grade, attached to 5th Division (Cachar), Cadl. Survey .	1st Nov. 1878	.....	...
Ditto .	Ditto, ditto, on deputation, Garo Hills Boundary Survey	1st Mar. 1879	.. ..	...
Ditto .	Ditto, ditto, attached to 8th Division, Cadl. Survey	1st June 1879	.....	...
Ditto .	Ditto, ditto, attached to No. 6 Party, Topl. Survey	1st Nov. 1879	.....	...
N. W. P.	Ditto, ditto, attached to No. 5 Party, Rev. and Cadl. Survey	1st Nov. 1880	.....	...
Ditto .	Ditto, 1st grade, ditto	1st Aug. 1881	.....	...
Bihar .	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Jan. 1886	.....	...
Bengal .	Ditto, ditto, ditto	1st Dec. 1886	.....	...
Ditto .	Ditto, ditto, attached to No. 4-A, Cadastral Survey	1st Dec. 1888	.....	...
Ditto .	Ditto, ditto, in charge Burdwan Detachment, Cadl. Survey	18th Oct. 1889	.....	...
Ditto .	Ditto, ditto	...	Surveyor, 4th grade .	30th Oct. 1891.
Ditto .	Surveyor, 4th grade, ditto	17th Mar. 1892	.....	...

Privilege leave for three months, from 24th June 1892.

Calcutta .	Surveyor, 4th grade, attached to Head-Quarters Office	1st July 1892	.....	...
Ditto .	Extra-Asst. Supdt., 4th grade, ditto, ditto	18th Aug. 1892	.....	...
Bengal .	Ditto, ditto, in charge Burdwan Detachment, Cadl. Survey	14th Oct. 1892	.....	...
Ditto .	Ditto, ditto, attached to No. 2 Party, Cadl. Survey	1st Dec. 1892	.....	...
Ditto .	Ditto, 6th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto .	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	1st Jan. 1896	.....	...
Ditto .	Extra-Asst. Supdt., 5th grade, ditto, ditto	13th Oct. 1896	.....	...
Ditto .	Ditto, ditto, and Draftsman attached to Head-Quarters Office	5th Feb. 1897	.....	...

Privilege leave, from 12th March to 12th April 1897.

Sheehan, Michael Joseph.—Joined the service, 30th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 19 (Forest) Topl. Survey	30th Oct. 1895	.....	...
<i>Leave on medical certificate, from 4th December 1895 to 31st January 1896.</i>				
Madras	Sub-Asst. Supdt., 3rd grade, attached to No. 19 (Forest) Topl. Survey	25th Feb. 1897	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Mar. 1897	.....	...

Skilling, William.—Joined the service, 24th November 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Proby. Asst. Surveyor, 3rd grade, attached to Trigl. Sur- vey Office	24th Nov. 1884	.....	...
N. W. Provin- ces	Ditto, ditto, attached to No. 5 Party, Cadl. Survey	30th Sep. 1885	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Dec. 1885	.....	...
Ditto	Ditto, 2nd grade, ditto	24th Nov. 1888	.....	...
Ditto	Ditto, ditto, attached to Garhwal Detach- ment, Cadl. Survey	1st Nov. 1891	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 1st grade, ditto	14th Jan. 1893	.....	...
Ditto	Ditto, 2nd grade (re- organisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, on deputation Land Records Department	30th Nov. 1894	.....	...
Ditto	Ditto, 1st grade, ditto	27th Apl. 1895	.....	...

Smart, Arthur William.—Joined the service, 1st December 1871.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W.-P.	Asst. Surveyor, 4th grade, attached to No. 6 Party, Rev. and Cadl. Survey	1st Dec. 1871	.....	...
Bihar	Ditto, ditto	1st Oct. 1875	.....	...
N.-W.-P.	Ditto, ditto	1st Oct. 1877	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Jan. 1878	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Topl. Survey.	1st Dec. 1879	.....	...
<i>Leave on medical certificate for three months, from 8th July 1880.</i>				
Assam	Asst. Surveyor, 3rd grade, in charge Detachment Rev. Survey	1st Oct. 1880	.....	...
Ditto	Ditto, 2nd grade, ditto	1st April 1881	.....	...
Burma	Ditto, ditto, attached to No. 7 Party, Cadastral Survey	1st May 1881	.....	...
Ditto	Ditto, 1st grade, ditto	6th Oct. 1883	.....	...
N.-W.-P.	Ditto, ditto, attached to No. 5 Party, Cadl. Survey	1st Oct. 1885	.....	...
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Nov. 1891	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto	Extra-Asst. Supdt., 6th grade, ditto	23rd May 1893	.....	...
Bihar	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1894	.....	...
Ditto	Ditto, 5th grade, ditto	8th June 1896	.....	...
Ditto	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	1st Oct. 1896	.....	...

Smart, Aylmer Boddington.—Joined the service, 25th February 1885.

Station,	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Asst. Surveyor, 3rd grade, attached to Head-Quarters Office	25th Feb. 1885	.....	...
Bengal	Ditto, ditto, attached to No. 8 Party, Revenue Survey	1st Oct. 1885	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	25th Feb. 1886	.....	...
Calcutta	Ditto, ditto, attached to Calcutta City Survey	5th Nov. 1896	.....	...
Ditto	Ditto, 2nd grade, ditto ditto	9th May 1889	.....	...
Bengal	Ditto, ditto, attached to Burdwan Detachment, Cadl. Survey	20th Feb. 1892	.....	...
Ditto	Ditto ditto . . . . .	...	In temporary charge Burdwan detachment	1st July 1893.
Ditto	Sub-Asst. Supdt., 2nd grade, ditto, ditto	18th Aug. 1892	Ditto ditto . . . . .	...
Ditto	Ditto, ditto, attached to No. 2 Party, Cadl. Survey	14th Oct. 1892	.....	...
Ditto	Ditto, 1st grade, ditto ditto	24th Mar. 1893	.....	...
Ditto	Ditto, 2nd grade, (reorganisation)	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to Detachment, Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1893	.....	...
Bihar	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st July 1894	.....	...
Ditto	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1894	.....	...
Ditto	Ditto, 1st grade, ditto ditto	27th Apl. 1895	.....	...
<i>Leave on medical certificate for four months, from 4th October 1895.</i>				
Calcutta	Sub-Asst. Supdt., 1st grade, attached to Bengal Drawing Office	4th Feb. 1896	.....	...
Hazaribagh	Ditto, ditto, on cooly recruitment duty	17th Sept. 1896	.....	...
Calcutta	Ditto, ditto, attached to Bengal Drawing Office	16th Nov. 1896	.....	...
Ditto	Ditto, ditto, Draftsman, Additional Establishment, Head-Quarters Office	5th Feb. 1897	.....	...
Ditto	Ditto, ditto . . . . .	...	In temporary charge, Bengal Drawing Office	12th Feb. 1897.

Privilege leave for one month, from 14th May 1897.

Smart, Oswald David.—Joined the service, 1st December 1879.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Asst. employed in temporary Establishment No. 5 party, Cadl. Survey	1st Dec. 1879 to 30th Sept. 1881	.....	...
Ditto . . .	Proby. Asst. Surveyor, 3rd grade, attached to No. 5 Party, Cadastral Survey	1st Oct. 1881	.....	...
Ditto . . .	Asst. Surveyor, 3rd grade, ditto	7th Mar. 1882	.....	...
Ditto . . .	Asst. Surveyor, 2nd grade, ditto	1st Mar. 1885	.....	...
Bombay . . .	Ditto, ditto, attached to No. 10 Topl. Survey	1st Oct. 1885	.....	...
Central Provinces . . .	Ditto, ditto, attached to No. 3 Party, Rev. Survey	20th Feb. 1888	.....	...
Upper Burma . . .	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	Oct. 1889	.....	...
Ditto . . .	Asst. Surveyor, 1st grade, ditto	1st Mar. 1891	.....	...
Ditto . . .	Sub-Asst. Suptd., 1st grade, ditto	18th Aug. 1892	.....	...
<i>Leave on medical certificate, from 21st December 1894 to 1st September 1895.</i>				
Hazaribagh . . .	Sub-Asst. Suptd., 1st grade, "On cooly recruitment work"	2nd Sep. 1895	.....	...
Oudh	Ditto, ditto, on deputation to the Settlement Department	12th Nov. 1895	.....	...

Smart, Patrick Colin Henry.—Joined the service, 18th April 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Proby. Asst. Surveyor, 4th grade	18th Apl. 1878	.....	...
Muttra and Banda District, N. W. Provinces . . .	Ditto, ditto, attached to 5th Division, Cadl. Rev. Survey	18th Apl. 1878	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto	...	.....	...
Ditto	Ditto, 3rd grade	1st Apl. 1881	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Hooghly River Survey	Asst. Surveyor, 3rd grade, attached to No. 6 Party, Rev. Survey	14th Aug. 1881	.....	...
<i>Leave on medical certificate, from 8th April to 14th September 1883.</i>				
Calcutta	Asst. Surveyor, 3rd grade, and Map curator, Head-Quarters Office	1st Sept. 1883	.....	...
Ditto.	Ditto, 2nd grade, ditto	1st Dec. 1883	.....	...
Bilaspur (Central Provinces)	Asst. Surveyor, 2nd grade, attached to No. 2 Party, Cadl. Rev. Survey	30th Sept. 1885	.....	...
Ditto.	Asst. Surveyor, 1st grade, ditto	24th Nov. 1886	.....	...
Tipperra District, Eastern Bengal	Ditto, ditto, attached to No. 2 Party, Cadl. Rev. Survey	1st Dec. 1889	.....	...
Jalpaiguri District, Western Duars	Ditto, ditto, attached to No. 4 Party	1st Nov. 1891	.....	...
Ditto.	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Champanun and Muzaffarpur Districts (Bihar).	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Dec. 1892	.....	...
Calcutta	Ditto, ditto, attached to Detachments of Nos. 2 and 8 Parties, Cadl. Survey	28th Aug. 1894	.....	...
Darjeeling Terai.	Ditto, ditto, attached to No. 2 and 8 Parties, Cadl. Survey	1st Nov. 1894	.....	...
Calcutta	Ditto, ditto, Pungal Drawing Office	1st Feb. 1895	.....	...
Darjeeling Terai	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	3rd Aug. 1895	.....	...
Shahjhanpur District, N.-W. P.	Ditto, ditto, on deputation to Settlement Department	15th Oct. 1895	.....	...
Ditto.	Extra-Asst. Superintendent, 6th grade, ditto	13th Oct. 1896	.....	...

Smart, Robert Boddington.—Joined the service, 1st January 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice, attached to Head-Quarters Office	1st Jan. 1864	.....	...
Bengal	Ditto, attached to 1st Divn., Rev. Survey	1st June 1864	.....	...
Ditto	Junior Sub-Asst. Surveyor, ditto ditto	1st Jan. 1865	.....	...
Ditto	Sub-Asst. Surveyor, 4th grade, ditto, ditto	1st Apl. 1866	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto, ditto	1st Jan. 1868	.....	...
Assam	Ditto, ditto, in charge of Lakhiraj Rev. Survey	1st Dec. 1869	.....	...
Bengal	Ditto, ditto, attached to 1st Divn., Rev. Survey	1st June 1870	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Jan. 1871	.....	...
North-West Frontier	Ditto, ditto, attached to 1st Divn. Rev. and Topl. Survey	1st Oct. 1871	.....	...
Ditto	Ditto, 1st grade, ditto ditto	27th May 1874	.....	...
..	Ditto, ditto, detached in charge of the Settlement and Survey of Chamba State	16th Apl. 1876	.....	...
N. W. P.	Ditto, ditto, attached to 5th Divn., Rev. Survey	13th Apl. 1877	.....	...
Burma	Ditto, ditto, attached to 8th Divn. Rev., Survey	1st Nov. 1881	.....	...
Ditto	Ditto, ditto . . . . .	...	Surveyor, 4th grade, attached to 8th Divn. Rev. Survey	7th Nov. 1882
Ditto	Surveyor, 4th grade, attached to 8th Divn., Rev. Survey	5th Sept. 1883	.....	...
Bengal	Ditto, ditto, attached to Mozufferpore Rev. Survey	1st Oct. 1885	.....	...
Calcutta	Ditto, ditto, attached to the Town Survey	1st Oct. 1886	.....	...
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Jan. 1887	.....	...
Ditto	Surveyor, 3rd grade, ditto	14th Aug. 1889	.....	...
Lower Burma	Ditto, ditto, attached to No. 12 Party, Cadl. Survey	1st Nov. 1890	.....	...
Ditto	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	1st Nov. 1891	.....	...
Ditto	Extra-Asst. Supdt, 3rd grade, ditto	18th Aug. 1892	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Dec. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar . .	Extra-Asst. Supdt., 4th grade, attached to Nos. 4 and 5 Parties, Cadl. Survey . .	1st Oct. 1894	.....	...
N.-W. P. and Oudh . .	Ditto, ditto, attached to No. 8 Party, Rev. Survey . .	20th Oct 1896	.....	...
Ditto . .	Ditto, 3rd grade, ditto	4th Feb. 1897	.....	...

Smith, Joseph.—Joined the service, 16th November 1883.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma . .	Office Asst., attached to No. 2 Party, Rev. Survey . .	16th Nov. 1883	.....	...
Ditto . .	Proby. Asst. Surveyor, 3rd grade, attached to No. 2 Party, Rev. Survey . .	1st Aug. 1884	.....	...
Assam . .	Ditto, ditto, attached to No 6 Party, Cadl. Survey . .	1st Nov. 1884	.....	...
Ditto . .	Asst. Surveyor, 3rd grade, ditto	1st Sept. 1885	.....	...
Ditto . .	Asst. Surveyor, 2nd grade, ditto	29th Aug. 1885	.....	...
Ditto . .	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...
<i>Furlough in India, from 15th May 1894 to 6th March 1895.</i>				
Calcutta . .	Sub-Assistant Supdt., 2nd grade, attached to Headquarters Office . .	7th Mar. 1895	.....	...
Ditto . .	Sub-Asst. Supdt., 1st grade ditto, . .	27th Mar. 1895	.....	...
Sind . .	Ditto ditto, attached to No. 12 Party, Topl. Survey . .	16th Oct. 1895	.....	...

Stotesbury, William.—Joined the service, 4th October 1864.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rajputana	Asst. Surveyor, 4th grade, attached to No. 7 Party, Topl. Survey	4th Oct. 1864	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1868	.....	...
Ditto	Ditto, 2nd grade, ditto	1871	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1874	.....	...
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Oct. 1875	.....	...
Ditto	Ditto ditto	...	Surveyor, 4th grade	1st April 1883
Ditto	Surveyor, 4th grade, attached to No. 8 Party, Topl. Survey	21st July 1883	.....	...
Calcutta	Ditto, ditto, and Draftsman, attached to Head-Quarters Office	24th June 1884	.....	...
Ditto	Ditto, 3rd grade, and Draftsman, ditto	16th May 1889	.....	...
Chin-Lushai	Surveyor, 3rd grade, attached to the Expeditionary Force, Survey Detachment	20th Nov. 1889	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	9th May 1890	.....	...
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Survey	4th Nov. 1890	.....	...
Ditto	Extra-Asst. Supdt., 3rd grade, ditto ditto	18th Augt. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation), ditto	23rd May 1893	.....	...
Calcutta	Ditto, ditto, and Head Draftsman, Head-Quarters Office	6th July 1894	.....	...
<i>Furlough out of India, from 25th May 1895 to 16th October 1896.</i>				
...	Extra-Asst. Supdt., 3rd grade (on furlough)	13th Oct. 1896	.....	...
Calcutta	Extra-Asst. Supdt., 3rd grade, and Head Draftsman, Head-Quarters Office	18th Oct. 1896	.....	...
Ditto	Ditto, and Chief Draftsman, Head-Quarters Office (sub. pro tem.)	17th May 1897	.....	...

War Services.—Chin Lushai Expedition, 1889-90, with Chittagong column; mentioned in despatches; services acknowledged by Government of India. Medal and clasp.

Swiney, George Carleton.—Joined the service, 17th September 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma	Asst. Surveyor, 4th grade, attached to No. 3 or Eastern Divn., Rev. Survey	17th Sep. 1868	.....	...
Bengal	Ditto, ditto, attached to No. 4 or Western Divn., Rev. Survey	Mar. 1870	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Dec. 1871	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Dec. 1874	.....	...
Bombay	Ditto ditto, attached to No. 10 Party, Topl Survey	Oct. 1876	.....	...
Ditto	Ditto, ditto, attached to No. 11 Party, Topl. Survey	Nov. 1879	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1881	.....	...
Central Provinces.	Ditto, ditto, attached to Rev. and Cadl. Surveys	15th Oct. 1883	.....	...
Ditto	Ditto, ditto, on deputation, Settlement Department	1st Nov. 1885	.....	...
Ditto	Extra-Asst. Supdt., 4th grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade (reorganization), ditto	23rd May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	18th Dec. 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	7th Oct. 1894	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party, Cadl. Survey	27th Oct. 1894	.....	...
Ditto	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	1st Jan. 1895	.....	...

Swiney, John Sidney.—Joined the Service,—5th January 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rohilkhand	Asst. Surveyor, 4th grade, attached to Rev. Survey	5th Jan. 1869	.....	...
Ditto	Ditto, 3rd grade ditto	5th Jan. 1872	.....	...
N.-W.P.	Ditto, ditto, attached to No. 3 Party, Rev. and Cadl. Survey	1st Oct. 1872	.....	...

Station.	Substantive Appointment	Date.	Officiating Appointment.	Date.
Assam	Asst. Surveyor, 4th grade, attached to No. 6 Party, Rev. and Cadl. Survey	1st June 1876	.....	..
Ditto	Ditto, 2nd grade, ditto	1st Jan. 1878	.....	..
Ditto	Ditto, 1st grade, ditto	1st Apl. 1881	.....	..
Lower Burma	Ditto ditto, attached to No. 7 Party, Cadl. Survey	14th Apl. 1882	.....	..
Ditto	Surveyor, 4th grade, ditto	25th Apl. 1891	.....	..
Upper Burma	Ditto ditto, attached to No. 12, Party, Cadl. Survey	1st Nov. 1891	.....	..
Ditto	Extra-Asst. Supdt., 4th grade, ditto ditto,	18th Aug. 1892	.....	..
Ditto	Ditto, 6th grade (reorganisation), ditto	23rd May 1893	.....	..
Ditto	Ditto, 5th grade, ditto	18th Dec. 1893	.....	..
Lower Burma	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	18th Oct. 1895	.....	..

Tapsell, Charles Edward.—Joined the service, 14th December 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Inspector of Police, attached to Agra District	14th Dec. 1862	.....	..
Rajputana	Sub-Asst. Surveyor, 3rd class, attached to No. 7 Party, Topl. Survey	2nd Aug. 1864	.....	..
Ditto	Ditto, 4th grade, ditto	1st Apl. 1866	.....	..
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Oct. 1866	.....	..
Ditto	Ditto, 2nd grade, ditto	1st Oct. 1869	.....	..
Ditto	Ditto, 1st grade, ditto	1st Oct. 1872	.....	..
Gwalior and Central India	Ditto, ditto, attached to No. 1 Party, Topl. Survey	31st Oct. 1877	.....	..
Calcutta	Ditto, ditto, attached to Head-Quarters Office	31st Aug. 1878	.....	..
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	31st Oct. 1879	.....	..
Bombay	Ditto, ditto, attached to Gujarat Party, Topl. and Trigl. Survey	25th May 1880	.....	..
Kohat	Ditto, ditto, attached to Kohat Survey Office	16th Aug. 1881	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 1st grade, attached to Gujarat Party, Topl. and Trigl. Survey	Oct. 1881	.....	...
Ditto	Surveyor, 4th grade, ditto	6th Oct. 1883	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto	10th Oct. 1883	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade, attached to Gujarat Survey.	1st March 1885.
...	Surveyor, 4th grade, attached to No. 11 Party, Rev. Survey	30th June 1885	.....	...
Ditto	Ditto, ditto, attached to Cutch Party, Topl. Survey	1st Nov. 1885	.....	...
Central Prov- inces	Ditto, ditto, attached to Raipur Rev. Survey	1st Nov. 1886	.....	...
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Survey	1st Mar. 1888	.....	...
Ditto	Surveyor, 5rd grade, ditto	8th May 1892	.....	...
Ditto	Extra-Asst. Supdt., 3rd grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, (reorgani- sation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to 17 Party, Topl. (Forest) Survey	13th Nov. 1893	.....	...
Ditto	Ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	28th Apl. 1894.
Ditto	Ditto, ditto, attached to No. 17 Party, Topl. (Forest) Survey	11th May 1894	.....	...
Ditto	Ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	27th July 1894.
Ditto	Ditto, ditto, attached to No. 17 Party, Topl. (Forest) Survey	27th Oct. 1894	.....	...
Ditto	Ditto, 4th grade, ditto	27th Mar. 1895	.....	...
Ditto	Ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	25th Jan. 1896.
Ditto	Ditto, ditto, attached to No. 17 Party, Topl. (Forest) Survey	21st May 1896	.....	...
Ditto	Ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	16th Sep. 1896.
Ditto	Ditto, ditto	2nd Nov. 1896	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Jan. 1897	.....	...

Tate, George Passman.—Joined the service, 1st March 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice, attached to Headquarters Office	1st Mar. 1874	.....	..
Central India and Rajputana	Asst. Surveyor, 4th grade, attached to No. 1 Party, Topl. Survey	12th Mar. 1878	.....	..
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	..
Ditto	Ditto, 2nd grade, ditto	21st Nov. 1883	.....	..
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Oct. 1888	.....	..
Ditto	Ditto, 1st grade, ditto	1st Sept. 1890	.....	..
...	Ditto, ditto, on deputation, Political Department Kalat State	1st Apl. 1891	.....	..
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	13th July 1892	.....	..
Ditto	Sub-Asst. Supdt., 1st grade, ditto ditto	18th Aug. 1892	.....	..
Aden	Ditto, ditto, in charge of Aden detachment Topl. Survey	15th Oct 1893	.....	..
Sind	Ditto, ditto, in charge of Indus Riverain detach., Revenue Survey	30th Jan. 1895	.....	..
...	Ditto, ditto, attached to the Baluch Afghan-Boundary Commission	16th Oct. 1895	.....	..
...	Ditto, ditto, ditto	...	Extra-Asst. Supdt., 6th Grade	27th Oct. 1895.
...	Extra-Asst. Supdt, 6th grade, ditto ditto	26th Nov. 1895	.....	..
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st July 1896.	.....	..

Todd, Hugh.—Joined the Service, 15th July 1865.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kumaon and Garhwal	Sub-Asst. Surveyor, 3rd class, attached to Topl. Survey	15th July 1865	.....	..
Ditto	Ditto, 4th grade, ditto	1st Apl. 1866	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Leave on medical certificate, from 2nd November to 4th December 1868.</i>				
Kumaon and Garhwal	Sub-Asst. Surveyor, 3rd grade, attached to Topl. Survey	1st Sep. 1896	.....	...
Ditto	Ditto 2nd grade, ditto	1st Apl. 1871	.....	...
Ditto	Ditto, ditto, attached to Trigl. Survey Office	Aug. 1873	.....	...
Ditto	Ditto, 1st grade, ditto	1st June 1874	.....	...
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Oct. 1876	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	16th Apl. 1883.
Ditto	Surveyor, 4th grade, attached to No. 8 Party, Topl. Survey	6th Oct. 1883	.....	...
Madras	Ditto, ditto, attached to No. 19 Party, Topl. (Forest) Survey	19th Aug. 1866	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Mar. 1891	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto ditto	18th Aug. 1892	.. ..	...
Ditto	Ditto, 4th grade, (re-organisation), ditto	23rd May 1893	.....	...

Todd, Robert.—Joined the service, 1st November 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central India	Sub-Asst. Surveyor, 3rd class, attached to No. 1 Party, Topl. Survey	1st Nov. 1863	.. ..	...
Rajputana	Ditto, ditto, attached to No. 7 Party, Topl. Survey	1865	.....	...
Ditto	Ditto, 2nd class, ditto	1st May 1866	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Mar. 1867	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto	1st Oct. 1868	.....	...
Ditto	Ditto 1st grade, ditto	1st Oct. 1871	.....	...
Punjab	Ditto ditto, attached to No. 1 Party, Topl. Rev. Survey	1st Feb. 1878	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	21st Apl. 1882.
Bombay	Ditto, ditto, attached to No. 11 Party, Topl. Rev. Survey	1st Nov. 1882	Ditto, ditto	...
Ditto	Surveyor, 4th grade, ditto	22nd Jan. 1883	.....	...

Under suspension, from 11th May to 6th June 1883.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 1st grade, attached to No. 11 Party, Topl. Rev. Survey	21st July 1883	.....	...
Mysore	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Oct. 1884	.....	...
Madras	Ditto, ditto, attached to No. 19 Party, Topl. (Forest) Survey	19th Aug. 1886	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto ditto	14th Jan. 1893	.....	...
Ditto	Ditto, 6th grade, (reorganisation), ditto	23rd May 1893	.....	...
<i>Privilege leave for 1 month, from 12th July 1893.</i>				
Madras	Extra Asst. Supdt., 6th grade, attached to No. 19 Party, Topl. (Forest) Survey	12th Aug. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	27th Oct. 1895	.....	...
Ditto	Ditto, 4th grade, ditto	12th Dec. 1896	.....	...

Torrens, Charles Patten.—Joined the service, 12th December 1868.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Surveyor, 4th grade, attached to No. 4 Extra Party, G. T. Survey	12th Dec. 1868	.....	...
Bombay	Asst. Surveyor, 3rd grade, attached to G. T. Survey	1st April 1873	.....	...
Ditto	Ditto, 2nd grade, ditto	25th Nov. 1878	.....	...
Ditto	Ditto, 1st grade, ditto	1st April 1881	.....	...
Burma	Ditto, ditto, attached to No. 7 Party, Topl. Survey	1st Nov. 1882	.....	...
Ditto	Ditto, ditto, on deputation, Land Records Department	1st Oct. 1889	.....	...
Ditto	Surveyor, 4th grade, ditto	13th May 1891	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade, (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 5th grade, ditto	6th July 1894	.....	...

Vander-Beek, George Gerard.—Joined the service, 11th October 1870.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice Draftsman, Head Quarters Office	11th Oct. 1870	.....	...
Central Pro- vinces	Assistant Surveyor, 4th grade, attached to No. 3 Party, Topl. Survey	1st July 1872	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1877	.....	...
Bombay	Ditto, ditto, attached to No. 2 Party, Topl. Survey	1st May 1877	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Sep. 1881	.....	...
Ditto	Ditto, 1st grade, ditto	30th Apl. 1883	.....	...
Central Pro- vinces	Ditto, ditto, attached to No. 3 Party	1st Nov. 1885	.....	...
Lower Burma	Ditto, ditto, attached to No. 13 Party, Topl. Survey	15th Oct. 1889	.....	..
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	6th Nov. 1891	.....	..
Ditto	Sub-Asst. Supdt., 1st grade ditto, ditto	18th Aug. 1892	.....	...
Dibar	Ditto, ditto, attached to Nos. 4 & 5 Parties, Cadl. Survey	1st Oct. 1892	.....	...
Ditto	Extra Asst. Supdt, 4th grade, ditto ditto	6th Dec. 1892	.....	...
Ditto	Ditto, 6th grade (re-orga- nisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	27th Mar. 1895	.....	...
Sind	Ditto, ditto, attached to No. 12 Party, Topl. Survey	28th Oct. 1895	.....	...

Vaughan, Percival Kenneth.—Joined the service, 23rd November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Western Duars.	Proby. Asst. Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Survey	23rd Nov. 1891	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Western Duars	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 4 Party, Cadl. Survey	18th Aug. 1892	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Nov. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto ditto	1st Dec. 1892	.....	...
Bengal	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	Ditto, ditto, attached to Singbhum Rev. Survey Detachment (Kolhan Govt. Estate)	1st Nov. 1894	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1895	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	16th Nov. 1895	.....	...
<i>Privilege leave for 2 months, from 29th July 1896.</i>				
Bihar	Sub-Asst. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey	1st Oct. 1896	.....	...

Veale, Charles John.—Joined the service, 25th November 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 19 Party, Topl. (Forest) Survey	25th Nov. 1896	.....	...

Wainright, Edwin Alfred.—Joined the service, 1st May 1866.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bundelkhand and Rewah	Sub-Asst. Surveyor, 4th grade, attached to No. 5 Party, Topl. Survey	1st May 1866	.....	...

Station.	Substantive Appointment	Date.	Officiating Appointment.	Date.
Bundelkhand and Rewah.	Asst. Surveyor, 3rd grade, attached to No. 5 Party, Topl. Survey	1st Oct. 1868	.....	...
Ditto .	Ditto, 2nd grade, ditto	1st Oct. 1871	.....	...
Bhopal and Malwa .	Ditto, ditto, ditto	1875	.....	...
Ditto .	Ditto, ditto . . . . .	...	Asst. Surveyor, 1st grade	1st Jan. 1878.
Ditto .	Ditto, 1st grade, ditto	13th July 1878	.....	...
N.W. P. .	Ditto, ditto, ditto	1878	.....	...
<i>Privilege leave for 1 month, from 23rd June 1864.</i>				
Baluchistan .	Asst. Surveyor, 1st grade, attached to No. 15 Party, Topl. Survey	10th June 1885	.....	...
Ditto .	Ditto, ditto, . . . . .	...	Surveyor, 4th grade	1st Aug. 1886.
<i>Privilege leave for 1 month, from 1st July 1888.</i>				
Baluchistan .	Asst. Surveyor, 1st grade, attached to No. 15 Party, Topl. Survey	1st Aug. 1888	Surveyor, 4th grade . . . . .	...
Dehra Dun .	Surveyor, 4th grade, attached to Trigl. Survey Office	1st Nov. 1888	.....	...
Baluchistan .	Ditto, ditto, attached to No. 15 Party, Topl. Survey	30th Sept. 1889	.....	...
<i>Privilege leave for 2 months, from 1st September 1890.</i>				
Baluchistan .	Extra-Asst. Supdt., 4th grade, attached to No. 15 Party, Topl. Survey	18th Aug. 1892	.....	...
Ditto .	Ditto, 3rd grade, ditto	6th Dec. 1892	.....	...
Ditto .	Ditto, 5th grade, (reorganisation), ditto	23rd May 1893	.....	...
Ditto .	Ditto, 4th grade, ditto	27th Mar. 1895	.....	...

Waller-Senior, Robert.—Joined the service, 21st December 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kumaon and Garhwal.	Asst. Surveyor, 4th grade, attached to Kumaon and Garhwal Topl. Survey	21st Dec. 1878	... ..	...
Dehra Dun .	Ditto ditto, attached to Computing Office	17th Apl. 1879	... ..	...
Afghanistan .	Ditto, ditto, on duty with the Southern Afghanistan Field Force	21st Apl. 1879	.....	...

Station.	Substantivo Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun .	Asst. Surveyor, 4th grade, attached to Computing Office	1st Oct. 1879	.....	..
Simla . .	Ditto, ditto, attached to No. 7 Party, Topl. Survey .	1st Oct. 1879	.....	..
Ditto .	Asst. Surveyor, 3rd grade, ditto ditto	1st Apl. 1881	.....	..
<i>Privilege leave, from 4th to 31st August 1881.</i>				
Lower Burma	Asst. Surveyor, 3rd grade, attached to Mergui Base Line Survey, or Bombay Party, Trigl. Survey	1st Oct. 1881	.....	..
<i>Privilege leave for 1 month, from 11th September 1882.</i>				
Darjeeling .	Asst. Surveyor, 3rd grade, attached to Darjeeling-Nepal Boundary Survey	1st Nov. 1882	.....	..
Dehra Dun .	Asst. Surveyor, 2nd grade, ditto ditto	1st Oct. 1884	.....	..
Madras . .	Ditto ditto, attached to the Coast Triangulation Party	1st July 1885	In temporary charge, Coast Triangulation Survey Party	1886.
Andaman and Nicobars.	Ditto, ditto, attach- ed to Andaman and Nicobars Topl. Survey	1st Aug. 1886	.....	..
Madras . .	Ditto, ditto, attached to No. 19 Party, Topl. Survey	1st Oct. 1887	.....	..
<i>Privilege leave for one month, from 17th September 1888.</i>				
Calcutta .	Asst. Surveyor, 2nd grade, attached to Head-Quarters Office	1st Apl. 1889	.....	..
<i>Leave on medical certificate, from 8th May to 6th October 1889.</i>				
Simla . .	Asst. Surveyor, 2nd grade, attached to No. 18 Himalaya Party, Topl. Survey	1st Oct. 1889	.....	..
Ditto . .	Ditto, ditto, 1st grade, ditto ditto	5th May 1890	.....	..
Ditto . .	Sub.-Asst. Supdt., 1st grade, ditto ditto	18th Aug. 1892	.....	..
<i>Privilege leave for 3 months, from 15th July 1893 to 14th October 1893.</i>				
<i>Privilege leave for 2 months, from 16th November 1895.</i>				
Central Pro- vinces.	Sub.-Asst. Supdt., 1st grade, attached to No. 14 Party (Forest) Topl. Survey	1st Oct. 1896	.....	..
Ditto . .	Extra Asst. Supdt., 6th grade, ditto ditto	21st Mar. 1897	.....	..

Walsh, Felix Patrick.—Joined the service, 4th March 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ponjab	Proby. Asst. Surveyor, 3rd grade, attached to No. 1 Party, Rev. Survey	4th Mar. 1886	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Apl. 1887	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadl. and Topl. Survey	11th Oct. 1889	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto	1st Feb. 1890	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 1st grade, ditto	25th Oct. 1895	.....	...
Sind	Ditto, ditto, attached to No. 12 Party, Topl. Survey	1st Nov. 1895	.....	...

Warde, Francis Edward.—Joined the service, 15th September 1869.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Apprentice, attached to Headquarters Office.	15th Sep. 1869	.....	...
Rajputana and Simla	Proby. Asst. Surveyor, 4th grade, attached to No. 7 Party, Topl. Survey	1st Sep. 1870	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	1st Sep. 1873	.....	...
Khandesh (Bombay)	Ditto, ditto, attached to No. 2 Party, Topl. Survey	15th Aug. 1876	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto ditto	1st Nov. 1879	... ..	...
Kohat	Ditto, ditto, Topl. Survey	1st June 1883	.....	...
<i>Discharged from Service, 12th November 1883.</i>				
<i>Re-entertained as Temporary Draftsman, 5th March 1884.</i>				
Dehra Dun	Asst. Surveyor, 3rd grade, attached to Dehra Cadl. and Topl. Surveys	13th Nov. 1884	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Provinces (Mirzapur.)	Asst. Surveyor, 3rd grade, attached to No. 5 Party, Revenue Survey	1st Mar. 1885	.....	...
Dehra Dun	Ditto, ditto, attached to Computing Office	1st May 1886	.....	...
Himalaya	Ditto, ditto, attached to No. 18 Party, Topl. Survey	1st Sep. 1886	.....	...
Central Provinces (Hoshangabad)	Ditto, ditto, attached to No. 14 Party, Topl. Survey	15th May 1887	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto	1st Oct. 1889	.....	...
Simla	Ditto ditto, attached to Drawing Office	1st May 1890	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	.....	...
<i>Leaves on medical certificate, from 5th September to 31st October 1892.</i>				
Simla	Sub-Asst. Supdt., 2nd grade, attached to Drawing Office	1st Nov. 1892	.....	...
<i>Suspended from office, from 1st August to 24th September 1893.</i>				
Simla	Sub-Asst. Supdt., 2nd grade, attached to Drawing Office	25th Sep. 1893	.....	...

Warwick, Robert Francis.—Joined the service, 2nd July 1875.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra	Probationary Asst. Surveyor, 4th grade, attached to Computing Office	2nd July 1875	.....	...
Kumaon and Garhwal	Ditto ditto, attached to Topl. Survey Party	1st Oct. 1875	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto	...	.....	...
<i>Leave on medical certificate, from 10th October to 9th December 1877.</i>				
Gujarat	Asst. Surveyor, 4th grade, attached to No. 10 Topl. Party	2nd Jan. 1879	.....	...
<i>Leave on medical certificate, from 1st May to 31st October 1879.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mysore	Asst. Surveyor, 4th grade, attached to No. 8 Topl. Party	1st May 1880	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1881	.....	...
<i>Leave on medical certificate, from 30th August 1881 to 23rd January 1882.</i>				
Kohat	Asst. Surveyor, 3rd grade, attached to Topl. Survey	24th Jan. 1882	.....	...
<i>Leave on medical certificate from 16th August 1882 to 14th August 1883.</i>				
N.W. Provinces	Asst. Surveyor, 3rd grade, attached to No. 5 Party, Topl. Survey	1st Oct. 1883	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Mar. 1884	.....	...
Ditto	Ditto, ditto, attached to No. 4 Basti Cadastral Survey	9th Nov. 1885	.....	...
Ditto	Ditto, 1st grade, ditto	9th May 1889	.....	...
Lower Burma	Ditto, ditto, attached to No. 13 Mergui Topl. Survey	28th Oct. 1889	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st May 1891	.....	...
Upper Burma	Ditto, ditto, attached to No. 11 Party, Topl. Survey	27th Oct. 1891	.....	...
<i>Furlough, from 28th May 1892 to 17th February 1893.</i>				
...	Asst. Surveyor, 1st grade (on furlough), attached to Head-Quarters Office	28th May 1892	.....	...
...	Sub-Asst. Supdt., 1st grade	18th Aug. 1892	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party, Topl. Survey	28th Mar. 1893	.....	...
Sind	Ditto, ditto, attached to No. 12 Party, Topl. Survey	1st Nov. 1895	.....	...
<i>Privilege leave for 3 months, from 25th May 1896.</i>				
Sind	Extra Asst. Supdt., 6th grade, attached to No. 12 Party, Topl. Survey	13th Oct. 1896	.....	...

White, Patrick.—Joined the service, 1st October 1872.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rajputana	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Topl. Survey	1st Oct. 1872	.....	...
Mysore.	Ditto, ditto, attached to No. 8 Party, Topl. Survey	1st Aug. 1876	.....	...
Ditto	Ditto, 2nd grade, ditto	1877	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma .	Asst. Surveyor, 2nd grade, attached to No. 24 Party, Trigl. Survey	1st Oct. 1878	.....	...
<i>Sick leave for 6 months, from 21st October 1878, extension without pay up to 17th August 1879.</i>				
<i>On half-pay list, from 18th August 1879 to 31st August 1880.</i>				
Calcutta .	Asst. Surveyor, 2nd grade, attached to Head-Quarters Office	1st Sept. 1880	.....	...
Assam .	Ditto, ditto, attached to No. 6 Party, Topl. Survey	1st Oct. 1880	.....	...
<i>Sick leave, from 17th October 1881 to 28th January 1883.</i>				
Baluchistan .	Asst. Surveyor, 2nd grade, attached to No. 15 Party, Topl. Survey	29th Jan. 1883	.....	...
Ditto .	Ditto, 1st grade, ditto	1st Oct. 1883	.....	...
<i>Sick leave for 3 months, from 5th November 1883.</i>				
Bombay .	Asst. Surveyor, 1st grade, attached to Konkan Topl. Survey	1st Oct. 1884	.....	...
Central India .	Ditto, ditto, attached to No. 11 Party, Revenue Survey	1st Nov. 1887	.....	...
Lower Burma	Ditto, ditto, attached to No. 13 Party, Topl. Survey	1st Oct. 1890	.....	...
<i>Furlough for 1 year and 6 months, from 24th March 1892.</i>				
...	Sub-Asst. Supdt., 1st grade (on furlough)	18th Aug. 1892	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party (Forest) Topl. Survey	1st Nov. 1893	.....	...
Ditto .	Ditto, ditto . . . . .	...	Extra Asst. Supdt., 6th grade	15th Nov 1893.
Ditto .	Extra Asst. Supdt., 6th grade, ditto ditto	25th Nov. 1893	.....	...
Upper Burma .	Ditto, ditto, attached to No. 11 Party, Topl. Survey	20th Oct. 1896	.....	...

Williams, Patrick.—Joined the service, 16th September 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Simla .	Probationary Sub-Asst. Snpdt., 3rd grade, attached to Drawing Office	16th Sept. 1893	.....	...
Baluchistan .	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Mar. 1894	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Paluchistan .	Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topl. Survey	16th Sept. 1894	.....	...
N.-W. Provinces .	Ditto, ditto, attached to No. 8 Party, Revenue Survey	25th Oct. 1895	.....	...
Ditto .	Ditto, 2nd grade, ditto	13th Oct. 1896	.....	...

Wilson, Alfred John.—Joined the service, 1st January 1860.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Apprentice Draftsman—attached to Head-Quarters Office	1st Jan. 1860	.....	...
Chota Nagpur	Proby. Sub-Asst. Surveyor, 3rd class, attached to No. 4 Party, Topographical Survey	8th Oct. 1860	.....	...
Ditto .	Sub-Asst. Surveyor, 2nd class, ditto ditto	1st Oct. 1862	.. . . .	...
Ditto .	Sub-Asst. Surveyor, 1st class, ditto ditto	1st Apl. 1865	.....	...
Ditto .	Senior Sub-Asst. Surveyor, ditto ditto	1st Apl. 1868	.....	...
Rewa and Bundelkhand .	Ditto, ditto, attached to No. 5 Party, Topographical Survey	1st Oct. 1868	.....	...
Ditto .	Surveyor, 4th grade, ditto	1st Apl. 1871	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	1st Oct. 1873	.....	...
Ditto .	Surveyor, 3rd grade, ditto	1st Apl. 1874.	.....	...
...	Ditto, ditto, attached to No. 2 Party, Topographical Survey	12th Aug. 1874	.....	...
Calcutta .	Ditto, ditto, attached to Head-Quarters Office	1st May 1878	Chief Draftsman, attached to Head-Quarters Office.	...
Ditto .	Surveyor, 2nd grade, ditto	26th June 1880	.....	...
...	Ditto, ditto, attached to No. 1 Party, Topographical Survey	19th Oct. 1883.	.....	...
...	Surveyor, 1st grade, ditto	2nd June 1884	.....	...
Dehra Dún .	Ditto, ditto, attached to Office of Supdt., Trigl. Surveys	1st Oct. 1885	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Surveyor, 1st grade, attached to Head-Quarters Office .	13th Mar 1888	.....	...
Upper Burma	Ditto ditto, attached to No. 11 Party, Topographical Survey .	1st Nov. 1889	.....	...
Ditto	Ditto, ditto .	...	In temporary charge, No. 11 Party, Topographical Survey .	24th Dec. 1889.
<i>Furlough in India, from 30th October 1891 to 17th February 1892.</i>				
Calcutta	Surveyor, 1st grade, attached to Head-Quarters Office .	18th Feb. 1892	.....	...
Ditto	Ditto, ditto, attached to Calcutta City Survey .	30th Apl. 1892	.....	...
Ditto	Extra Asst. Supdt., 1st grade, ditto ditto .	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, attached to Head-Quarters Office .	1st Sept, 1894	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topographical Survey .	1st Nov. 1894	.....	...
Ditto	Ditto, ditto .	...	In temporary charge, No. 21 Party, Topographical Survey .	10th July 1895.
Ditto	Ditto, ditto .	2nd Dec. 1895	.....	...
<i>Leave on medical certificate, from 27th June to 18th July 1897.</i>				

Wilson, Charles Walker.—Joined the service, 21st June 1867.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bengal	Asst. Surveyor, 3rd grade, attached to 4th Divn., Rev. Survey .	21st June 1867	.....	...
<i>Leave on medical certificate for 3 months, from 1st March 1869.</i>				
<i>Leave on medical certificate for 2 months, from 1st August 1869.</i>				
Bengal	Asst. Surveyor, 3rd grade, attached to Hazaribagh Dist., Topl. Survey .	Oct. 1869	.....	...
Bombay	Ditto, ditto, attached to Deccan Party, Topl. Survey .	Oct. 1871	.....	...
N.-W. P.	Ditto, ditto, attached to Cadl. Survey .	Nov. 1872	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Babawalpur	Asst. Surveyor, 3rd grade, attached to Revenue Survey (Bahawalpur State)	Oct. 1873	.....	...
Ditto	Ditto, 2nd grade, ditto	1874	.....	...
...	Ditto, ditto, attached to No. 14 Party, Ganges Riverain Survey	Nov. 1875	.....	...
N.-W. P.	Ditto, ditto, attached to No. 3 Party, Rev. Survey	Dec. 1877	.....	...
Ditto	Asst. Surveyor, 1st grade, ditto	1879	.....	...
Ponjab	Ditto, ditto, attached to No. 1 Party, Rev. Survey	Oct. 1884	.....	...
Central Provinces.	Ditto, ditto, attached to No. 13 Party, Rev. Survey	Dec. 1887	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Cadl. Survey	Nov. 1889	.....	...
Ditto	Surveyor, 4th grade, ditto	Apl. 1892	.....	...
<i>Leave on medical certificate, from 22nd April to 31st May 1892.</i>				
Assam	Extra-Asst. Supdt., 4th grade, attached to No. 6 Party, Rev. Survey	18th Aug. 1892	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	10th Nov. 1892	.....	...
Ditto	Ditto, 6th grade (re-organisation), ditto	23rd May 1893	.....	...
<i>Privilege leave for 20 days, from 1st November 1893.</i>				
Upper Burma	Extra-Asst. Supdt., 6th grade, attached to No. 3 Party, Cadl. Survey	1st Dec. 1893	.....	...
Ditto	Ditto, 5th grade, ditto	7th Aug. 1894	.....	...
<i>Privilege leave for 2 months and 26 days, from 6th May 1896.</i>				
<i>Leave on private affairs for 2 months and 10 days, from 23rd March 1897.</i>				

Wilson, John Henry, Stanhope.—Joined the service, 4th September 1893.

Station.	Substantive Appointment.	Date	Officiating Appointment.	Date.
Calcutta	Probationary Sub-Asst Supdt., 3rd grade, attached to Head-Quarters Office	4th Sept. 1893	.....	...
Madras	Ditto, ditto, attached to No. 19 Party, (Forest) Topl. Survey	1st Nov. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras .	Sub-Asst. Suptd., 3rd grade, attached to No. 19 Party (Forest) Topl. Survey	4th Sept. 1894	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Jan. 1897	.....	...

Wilson, William Alexander.—Joined the service, 1st January 1861.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh .	Junior Sub-Asst. Surveyor, 3rd class, attached to 2nd Divn., Rev. Survey	1st Jan. 1861	.....	...
Ditto .	Ditto, ditto, attach- ed to 3rd Divn., Rev. Survey	1st Jan. 1863	.....	...
Ditto .	Sub-Asst. Surveyor, 3rd class, ditto	1st Jan. 1865	.....	...
Ditto .	Ditto, 2nd class, ditto .	1st Jan. 1865	.....	...
Bengal .	Ditto, ditto, attached to the Revenue Survey of District Manbhoom	3rd July 1865	.....	...
Ditto .	Sub-Asst. Surveyor, 2nd grade, ditto ditto .	1st Apl. 1866	.....	...
Assam .	Ditto, ditto, attached to Revenue and Topl. Survey of District Lakhimpur	14th Dec. 1866	.....	...
Ditto .	Asst. Surveyor, 1st grade, ditto ditto .	1st Apl. 1869	.....	...
N.-W. Pro- vinces .	Ditto, ditto, on deputation, Settlement Dept.	1st Nov. 1871	.....	...
Ditto	Surveyor, 4th grade, ditto	1st Apl. 1872	.....	...
Bhawalpore .	Ditto, ditto, attached to 2nd Divn., Topl. Survey	1st Aug. 1872	.....	...
Bengal .	Ditto, ditto, attached to 14th or Dearah (Riverain) Survey	1st Nov. 1874	.....	...
N.-W. P.	Ditto, ditto, attached to 4th Divn. Rev., Survey	1st Nov. 1877	.....	...
Ditto	Ditto, 3rd grade, ditto	1st May 1878	.....	...
Ditto	Ditto, ditto, attached to No. 4 Party, Cadastral Survey	1st Nov. 1878	.....	...
Ditto	Ditto, ditto, in charge Dehra Dnn Cadl. Survey	1st Oct. 1883	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Nov. 1883	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.W. P.	Surveyor, 2nd grade, in charge, Dehra Dun Cadl. Survey	...	In charge, No. 8 Party	1st Oct. 1885.
Bengal	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	16th Nov. 1885	.....	...
Central Provinces	Ditto, ditto, attached to No. 11 Party, Rev. Survey	1st Nov. 1886	.....	...
<i>Furlough for 1 year, from 24th March 1889.</i>				
Calcutta	Surveyor, 2nd grade, attached to Head-Quarters Office	24th Mar. 1890	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party (Forest) Topl. Survey	1st Nov. 1890	.....	...
Ditto	Ditto, 1st grade, ditto	4th Jan. 1892	.....	...
Ditto	Extra Asst. Supdt., 1st grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 2nd grade (reorganization) 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>				

Wood, Charles George Stotesbury.—Joined the service, 2nd August 1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussoorie and Dehra Dun.	Proby. Asst. Surveyor, 3rd grade, attached to Trigl. Survey Office	2nd Aug. 1884	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	2nd Aug. 1885	.....	...
Rajputana	Ditto, ditto, attached to No. 1 Party, Topl. Survey	1st Oct. 1885	.. ..	...
<i>Extraordinary leave without allowances, from 12th May 1886 to 11th January 1889.</i>				
Dehra Dun	Asst. Surveyor, 3rd grade, attached to Trigl. Survey Office	12th Jan. 1889	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Feb. 1889	.....	...
Bengal	Ditto, ditto, attached to No. 4 Party, Topl. and Cadl. Surveys	1st Nov. 1889	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bengal	Asst. Surveyor, 2nd grade, attached to No. 4 Party, Topl. and Cadl. Surveys	17th Mar. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, attached to No. 2 Party, Reve. and Cadl. Surveys	1st Oct. 1892	.....	...
Bihar	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Burma	Ditto, ditto, on deputation, Land Records Department	1st Apl. 1894	.....	...
<i>Privilege leave for 3 months, from 11th September to 10th December 1896.</i>				
Burma	Sub-Asst. Supdt., 2nd grade, on deputation, Land Records Department	11th Dec. 1896	.....	...
Ditto	Ditto, 1st grade, ditto	1st Jan. 1897	.....	...

Wyatt, Alexander George.—Joined the service, 1st November 1861.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Chota Nagpur	Sub.-Asst. Surveyor, 3rd class, attached to No. 4 Party, Topl. Survey	1st Nov. 1861	.....	...
Assam	Sub.-Asst. Surveyor, 2nd class, attached to the Khasi and Garo Hills Topl. Survey	1st Apl. 1868	.....	...
Chota Nagpur	Sub.-Asst. Surveyor, 1st class, attached to No. 4 Party, Topl. Survey	1st Nov. 1868	.....	...
Ditto	Surveyor, 4th grade, ditto ditto	1st Apl. 1874	.....	...
Bombay and Native States	Ditto ditto, attached to No. 4 Party, Khandesh Topl. Survey	...	.....	...
Ditto	Ditto, 3rd grade, ditto ditto	22nd Feb. 1883	.....	...
<i>Furlough out of India, from 11th November 1883 to 6th November 1884.</i>				
Calcutta	Surveyor, 3rd grade, attached to Head-Quarters Office	14th Nov. 1884	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party (Forest) Topl. Survey	18th Nov. 1886	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Surveyor, 3rd grade, attached to No. 21 Party, Topl. Survey	1st Jan. 1887	.....	...
Ditto	Ditto, 2nd grade, ditto	24th Nov. 1888	.....	...
Calcutta	Ditto ditto, attached to Head-Quarters Office	21st Oct. 1890	.....	...
Ditto	Extra Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 1st grade, ditto	8th Nov. 1892	.....	...
Ditto	Ditto, 2nd grade (re-organisation), ditto ditto	23rd May 1893	.....	...
Ditto	Ditto ditto	...	Head Draftsman, Head-Quarters Office	15th July 1893.
Ditto	Ditto ditto	15th Oct. 1893	.....	...
<i>Privilege leave for two months and sixteen days, from 6th August 1894.</i>				
Poona	Extra Asst. Supdt., 2nd grade, attached to No. 10 Party, Topl. Survey	25th Oct. 1894	.....	...
Sind	Ditto ditto	...	In temporary charge, Indus Riverain Detachment	12th Oct. 1895.
Ditto	Ditto ditto, attached to No. 12 Party, Topl. Survey	1st Nov. 1895	.....	...
Ditto	Ditto ditto	...	In temporary charge, No. 12 Party	24th June 1896.
Ditto	Ditto ditto, attached to No. 12 Party, Topl. Survey	24th Aug. 1896	.....	...
<i>Under suspension from 3rd to 7th November 1896.</i>				
Madras	Extra Asst. Supdt., 2nd grade, attached to No. 9 Party, (Forest) Topl. Survey	26th Nov. 1896	.....	...
<i>Privilege leave for 3 months, from 26th May 1897.</i>				

Yusuf Sharif, Khan Bahadur.—Joined the Service—16th June 1867.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Chota-Nagpur, C. P. and Rajputana	Sub-Surveyor	16th June 1867 to 1st Dec. 1886	.....	...
Baluchistan	Asst. Surveyor, 3rd grade, attached to No. 16 Party, Topl. Survey	1st Dec. 1886	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N. W. Frontier	Asst. Surveyor, 3rd grade, attached to Afghan Boundary Commission, Topl. Survey .	...	.....	..
Baluchistan .	Ditto ditto, attached to No. 16 Party, Topl. Survey	31st Mar. 1889	.....	...
Ditto .	Ditto, 2nd grade, ditto ditto	10th Nov. 1890	.....	..
Ditto .	Sub-Asst. Supdt., 2nd grade, ditto ditto	18th Aug. 1892	.....	...
Ditto .	Ditto, 1st grade, attached to No. 15 Party, Topl. Survey	12th Nov. 1895	.....	...

Extraordinary Services.—Served with the Afghan Boundary Commission in 1887, received title of Khan Bahadur. Served a second time with the Boundary Commission, received Rs. 3,000 as Khelat from the Govt. of India.

Served in the exploration in Persia, received thanks from the Govt. of India.

Received a honorary reward of Rs. 500 from Lord Roberts, Commander-in-Chief in India.

Served in the Triangulation and reconnaissance in Persia, received Murchison grant for 1896 from the Council of the Royal Geographical Society.