

LIST OF OFFICERS
OF THE
SURVEY OF INDIA DEPARTMENT

CORRECTED TO

1st JULY 1898.



CALCUTTA :
OFFICE OF THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA.
1898.

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

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Classified List of Officers of the Imperial Service, Survey

No. under 10-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 1898.
IMPERIAL SERVICE.									
Surveyor-General.									
1	1	...	Strahan, Major-Genl. Charles, R.E.	Topogr.	. . . . .	6 5 43	Sep. 26, 1863	Mar. 26, 1895	...
Deputy Surveyor-General.									
1	1	...	Sandeman, Col. John Edward, I.S.O.	Rev.	PH.	3 9 43	Oct. 6, 1864	Mar. 26, 1895	...
...	...	...	Hobday, Lt.-Col. James Ramsay, I.S.O. (Offg.).	. . . . .	. . . . .	. . . . .	. . . . .	May 27, 1898	...
Superintendent, Trigonometrical Surveys.									
1	1	...	*Gore, Lt.-Col. St. George Corbet, R.E.	. . . . .	. . . . .	. . . . .	. . . . .	May 1, 1894	...
...	...	...	*Burrard, Major Sidney Gerald, R.E. (Offg.)	. . . . .	. . . . .	. . . . .	. . . . .	Apr. 26, 1898	...
Assistant Surveyor-Generals.									
3	3	1	Hobday, Lt.-Col. James Ramsay, I.S.O.	. . . . .	. . . . .	. . . . .	. . . . .	Feb. 4, 1867	...
...	...	...	Bythell, Bt. Major William John, R.E. (Offg.).	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	...
...	...	2	Pope, Thomas Archdale	. . . . .	. . . . .	. . . . .	. . . . .	June 10, 1897	...
...	...	3	Spring, Alfred Edward	. . . . .	. . . . .	. . . . .	. . . . .	Jan. 22, 1897	...
Superintendents.									
1st GRADE. Salary R1,600.									
3	3	1	Jackson, Edwin James	Rev.	HS.	6 11 44	Nov. 5, 1868	Feb. 17, 1898	30 1 10
...	...	2	*Gore, Lt.-Col. St. George Corbet, R.E.	G. T. S.	. . . . .	24 2 49	Apr. 11, 1873	Apr. 15, 1898	...
...	...	3	Hobday, Lt.-Col. James Ramsay, I.S.O.	Topogr.	{ HS.; Colloquial Burmese and LS. Shan.	16 7 50	Sep. 11, 1874	May 27, 1898	...
2ND GRADE. Salary R1,300.									
6	7	1	*Lodge, Major Francis Bacon, R.E.	†	. . . . .	31 10 56	Mar. 15, 1880	Jan. 21, 1898	...
...	...	2	*Wahab, Bt.-Lt.-Col. Robert Alexander, C.I.E., R.E.	†	{ HS.; HP. Urdu; HS. Persian; HS. Pushtu.	14 4 55	Jan. 8, 1883	Dec. 12, 1896	...
...	...	3	Reynolds, William Henry, R.E. G.S.	†	LS.	20 2 43	Oct. 24, 1890	Feb. 4, 1897	35 4 10
...	...	4	Hodgson, Major Godfrey Beckett, I.S.O.	†	HS.	28 10 58	Sep. 12, 1883	June 10, 1897	...
...	...	5	*Burrard, Major Sidney Gerald, R.E.	†	LS.	12 8 60	Sep. 2, 1884	Feb. 17, 1898	...
...	...	6	Scott, George Batley	Rev.	{ HS. LS. Burmese	31 7 44	Nov. 10, 1884	Apr. 15, 1898	35 2 0
...	...	7	Eccles, John, M.A.	†	. . . . .	9 9 57	May 30, 1885	May 27, 1898	13 1 1

§ Applies only to Officers who are under the Uncovenanted Service Rules.
 † Joined the Department after the amalgamation on the 1st January 1874.
 (A) Department of Revenue and Agriculture Resolution No. 2, dated 27th March 1868.
 ‡ Elected for continuous Indian Service.

of India Department, as it stood on 1st July 1898.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
R d. p.				
1	3,000 0 0	. . . . .	. . . . .	Extension of service up to 30th September 1899.
1	2,040 0 0	. . . . .	. . . . .	Furlough for 1 year and 125 days, on 1st May 1897.
1	1,482 10 0	(a) Local, R200 .	. . . . .	Special leave for 6 months, from 26th April 1893.
1	1,440 0 0	(b) Presidency, R60	. . . . .	Officiating Deputy Surveyor General in charge Revenue Surveys.
2	1,300 0 0	(b) Presidency, R60	. . . . .	In charge, Surveyor-General's and Mathematical Instrument Offices, Head-Quarters, Calcutta.
3	1,000 0 0	(b) Presidency, R60	. . . . .	In charge, Lithographic and Photographic Offices, Head-Quarters, Calcutta.
1	1,600 0 0	. . . . .	In charge, No. 3 (Upper Burma)	Joined the Junior Division, 26th September 1864.
2	. . . . .	. . . . .	. . . . .	Special leave for 6 months, from 26th April 1893.
3	. . . . .	. . . . .	Head-Quarters, Calcutta.	Officiating Deputy Surveyor General in charge Revenue Surveys.
1	. . . . .	. . . . .	. . . . .	Special leave for 6 months, from 6th May 1899.
2	1,200 0 0	. . . . .	In charge, No. 15 party (Baluchistan) and Drawing Office, Simla.	Officiating Superintendent, 1st grade.
3	1,300 0 0	Staff, R100 .	On deputation, Forest Department, as Superintendent, Forest Surveys.	Services in Forest Department, from 1st January 1871 to 23rd October 1890. Extension of service sanctioned by the Secretary of State up to the close of the field season 1898; further extension up to 30th September 1899. Officiating Superintendent, 1st Grade.
4	. . . . .	. . . . .	. . . . .	On subsidiary leave from 19th June 1899; preparatory to taking 2 years' furlough.
5	. . . . .	. . . . .	Officiating Superintendent, Trigonometrical Surveys, Dohra Dun.	
6	1,300 0 0	(c) Extra, R100 .	On deputation as Superintendent, Settlement Surveys, N.-W. P.	Joined the Junior Division, 1st May 1863.
7	1,300 0 0	. . . . .	In charge computing, Dohra Dun.	

(a) Secretary of State's Despatch No. 43 (Revenue), dated 19th April 1894.
 (b) Department of Agriculture, Revenue and Commerce memorandum No. 213, dated 14th May 1879.
 (c) Secretary of State's Despatch No. 27 (Revenue), dated 14th March 1893.

Classified List of Officers of the Imperial Service, Survey of

No. under re- organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1898.
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IMPERIAL SERVICE—contd.

Y. M. D.

Deputy Superintendents.

1ST GRADE. Salary R1,000.

7	9	1	Fleming, Capt. John Murchison, I.S.C.	†	{ HS. and LS. Persian }	12 8 58	July 3, 1885	Dec. 17, 1895	...
		2	Pope, Thomas Archdale	†	Telugu, Tamil.	21 6 58	Oct. 1, 1886	Dec. 25, 1895	11 6 04
		3	Renny-Tailyour, Capt. Thomas Francis Bruce, R.E.	†	...	8 6 63	Apr. 1, 1888	Jan. 21, 1896	...
		4	Bythell, Bt.-Major William John, R.E.	†	LS.	9 9 62	May 29, 1889	Jan. 1, 1897	...
		5	Lenox-Conyngham, Capt. Gerald Ponsonby, R.E.	†	...	21 8 66	July 16, 1889	Feb. 4, 1897	...
		6	Crichton, Capt. Richmond Trevor, I.S.C.	†	HS.	8 5 65	Dec. 16, 1889	June 10, 1897	...
		7	Gordon, Capt. Philip James, I.S.C.	†	HS.	2 6 59	Nov. 10, 1890	Feb. 17, 1898	...
		8	Gilbert-Cooper, Bryan Gardiner	†	{ HS. HS. Sindhi, HS. Marathi, HS. Sindhi, LS. Marathi. }	24 6 57	Feb. 19, 1891	Apr. 15, 1898	5 8 18
		9	Erskine, Claude Francis	†	{ HS. HS. Sindhi, LS. Marathi. }	15 10 55	Feb. 19, 1891	May 27, 1898	7 4 12B

2ND GRADE. Salary R650.

9	1	Litchfield, Edward Ferdinand	†	HS.	23 1 52	Oct. 24, 1890	Dec. 12, 1895	26 5 0
	2	Spring, Alfred Edward	†	{ HS. Marathi, LS. Sindhi. }	41 5 5	Feb. 18, 1891	Jan. 23, 1896	5 5 13
	3	*Burn, Capt. James Montague, R.E.	†	LS.	18 12 66	May 17, 1891	Dec. 12, 1896	...
	4	*Fraser, Capt. Howard Alan Donholm, R.E.	†	...	19 6 67	Oct. 29, 1891	Feb. 4, 1897	...
	5	*Ryder, Capt. Charles Henry Dudley, R.E.	†	HS. and LS. Pushtu.	28 6 68	Nov. 29, 1891	Mar. 1, 1897	...
	6	Pemberton, James Stewart	Rev.	LS.	8 7 43	Apr. 1, 1892	June 10, 1897	27 8 21
	7	Symonds, Capt. Charles William Herbert, I.S.C.	†	HS.	5 9 65	Sep. 28, 1892	Feb. 17, 1898	...
	8	Atkinson, George William Elliot	G. T. S.	...	11 10 43	Nov. 8, 1892	Apr. 15, 1898	28 8 21
	9	Robertson, Capt. Charles Lonsdale, R.E.	†	LS.	13 2 67	May 3, 1894	May 27, 1898	...

† Applies only to Officers who are under the Uncovenanted Service Rules.
 † Joined the Department after the amalgamation on the 1st January 1878.
 † Passed in Surveying by the Higher Standard as defined in the Forest Department Code, 3rd Edition.
 (A) Excludes previous service under Madras Government.
 (B) Elected for continuous service in the Bombay Revenue Survey.
 * Elected for continuous Indian Service.

India Department, as it stood on 1st July 1898—continued.

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

1	Furlough for 1 year and 7 months, from 13th November 1897.
2	Head-Quarters, Calcutta	Officiating Superintendent, 2nd grade.
3	1,410 0 0	...	In charge, Survey detachment with China-Burma Boundary Delimitation Commission. Head-quarters, Calcutta	Ditto ditto ditto.
4	...	...	...	Ditto ditto ditto.
5	1,440 0 0	...	In charge, Nos. 22 and 23 (Astronomical).	Ditto ditto ditto.
6	1,000 0 0	(d) Locrl, R100	Superintendent of Settlement Surveys in Beugal, and in charge, No. 4 (Bihar).	
7	1,000 0 0	...	In charge, No. 17 Party, (Bombay Forests.)	
8	1,000 0 0	...	In charge, No. 7 (Lower Burma)	
9	1,000 0 0	...	In charge, No. 12 (Sind)	
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, extension for 1 year and 3 months.
2	...	...	Head-Quarters, Calcutta	Officiating Deputy Superintendent, 1st grade.
3	...	...	...	Furlough for 2 years, from 12th April 1898.
4	1,140 0 0	...	In charge, Nos. 9 & 19 (Madras)	Officiating Deputy Superintendent, 1st grade.
5	...	...	...	Furlough for 2 years, from 20th March 1897.
6	1,000 0 0	...	In charge, Nos. 2 & 8 (N.-W. P. and Oudh).	Joined the Junior Division, 6th October 1890. Extension of service to 30th September 1898. Officiating Deputy Superintendent, 1st grade.
7	1,000 0 0	...	In charge, No. 6 (Assam)	Officiating Deputy Superintendent, 1st grade.
8	1,000 0 0	...	Drawing Office, Simla	Joined the Junior Division, 1st August 1899. Officiating Deputy Superintendent, 1st grade.
9	990 0 0	...	Special duty, Simla	

(d) Secretary of State's Despatch No. 80 (Revenue), dated 15th August 1895.

Classified List of Officers of the Imperial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing in each grade.	NAMES OF OFFICERS.	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting towards pension on 1st July 1898.
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Y. M. D.

IMPERIAL SERVICE—concl'd.

Assistant Superintendents.

1ST GRADE. Salary R600.

7	10	1	* Coldstream, Lieut. William Menzies, R.E.	†	LS. and HS. Pushtu.	19 2 69	Nov. 25, 1894	Jan. 23, 1896	...
		2	Transferred to the Provincial Service.						
		3	Ditto ditto						
		4	Ditto ditto						
		5	Pirrie, Lieut. Francis William, I.S.C.	†	HS. and LS. Pushtu.	23 8 67	June 11, 1895	Mar. 1, 1897	...
		6	Hare, Lieut. Humphrey John, R.E.	†	LS. Pushtu	16 2 69	Jan. 8, 1897	June 10 1897	...
		7	Hume, Lieut. Arthur Henry Blise, R.E.	†	LS. and Parvatya.	19 2 68	Jan. 24, 1897	Dec. 10, 1897	...
		8	* Turner, Lieut. Horace Harrison, R.E.	†		13 8 67	Apl. 22, 1897	Feb. 17, 1898	...
		9	Benzeley, Lieut. George Adam, R.E.	†		7 7 70	Oct. 12, 1897	Apl. 15, 1898	...
		10	Crosthwait, Lieut. Herbert Leland, R.E.	†		26 12 67	Nov. 22, 1897	May 27, 1898	...

2ND GRADE. Salary R500.

8	10	1	Tandy, Lieut. Edward Aldborough, R.E.	†		26 12 71	Jan. 31, 1898		...
		2	Mears, Lieut. Arthur, I.S.C.	†		15 6 69	Nov. 21, 1897		...
		3	<i>B.R. B...</i> 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 1876.
 * Elected for continuous Indian Service.

India Department, as it stood on 1st July 1898—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 s. p.

1	870 0 0	(e) Upper Burma, R100.	In charge, No. 10 (Upper Burma)	Officiating Deputy Superintendent, 2nd grade.
2				
3				
4				
5	800 0 0	(f) Baluchistan, R100.	No. 15 (Baluchistan).	Ditto ditto, ditto.
6	870 0 0	(e) Upper Burma, R100.	In charge, No. 21 (Upper Burma).	Ditto ditto, ditto.
7	870 0 0	(e) Burma, R100.	In charge, No. 20 (Burma).	Ditto ditto, ditto.
8	870 0 0	(f) Baluchistan, R100.	No. 24 (Baluchistan).	Ditto ditto, ditto.
9	870 0 0		No. 22 (Astronomical)	Ditto ditto, ditto.
10	670 0 0	{(g) Charge, R100 (h) Deputation R100.}	In charge, No. 25 (Tidal and Levelling).	
1	570 0 0		Trigonometrical Branch Office.	
2	500 0 0		Trigonometrical Branch Office	On probation.
3				
4				
5				
6				
7				
8				

(e) Department of Finance and Commerce No. 756, dated 11th February 1896.
 (f) Financial Resolution No. 8928, dated 26th October 1898.
 (g) Department of Agriculture, Revenue and Commerce memorandum No. 731, dated 31st October 1898.
 (h) Department of Revenue and Agriculture, No. 610-81-4, dated 18th September 1894.

Classified List of Officers of the Provincial Service, Survey

No. under re-organisation scheme. (r)	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 1898.
PROVINCIAL SERVICE.									
Extra Deputy Superintendents.									
1st GRADE. Salary R800.									
2	1		Vacant						
	2		Ditto						
2ND GRADE. Salary R650.									
3	1		Vacant						
	2		Ditto						
	3		Ditto						
Extra Assistant Superintendents.									
1st GRADE. Salary R550.									
3	3	1	Belcham, George Patrick	G. T. S.	HS.	15 2 45	Nov. 1, 1862	Apr. 1, 1896	35 8 4
		2	Pocock, Lovell Jeremiah	G. T. S.	HS.	26 9 43	July 10, 1863	Apr. 1, 1896	34 6 7
		3	Claudius, Thomas Ernest	Topogl.		1 6 46	Aug. 1, 1863	Feb. 4, 1897	32 1 0
		4	McMahon (Superannuated), Buttress, William Samuel	Rev.		19 2 44	Oct. 1, 1860	Dec. 2, 1896	37 10 0
		5	Little, Edwin George	Rev.	ES. Burmese.	11 10 45	Nov. 5, 1862	Dec. 14, 1897	32 8 19
		6	Dowman, Henry	Rev.		11 6 46	Oct. 16, 1862	June 4, 1898	35 8 1
2ND GRADE. Salary R500.									
6	5	1	Wyatt, Alexander George	Topogl.		25 2 45	Nov. 1, 1861	May 23, 1893	33 4 6
		2	Hanby, Henry Townsend	Rev.	LS.	20 10 45	Nov. 13, 1862	Dec. 2, 1896	34 7 10
		3	Christie, Albert Douglas Lincoln	G. T. S.	HS. LS. Marathi.	29 9 45	Aug. 7, 1863	Jan. 1, 1897	32 3 4
		4	Price, Walter Casperz	G. T. S.		23 6 46	Nov. 1, 1863	Sept. 2, 1897	32 0 8
		5	McA'Fee, Charles Henry	G. T. S.	LS.	14 11 49	Sep. 6, 1864	Dec. 14, 1897	28 6 17
		6	Hamer, Charles Fredrick	Topogl.		6 10 46	Aug. 3, 1863	June 4, 1898	31 10 14
3RD GRADE. Salary R450.									
8	7	...	O'Donel, James Hoppner	Rev.		10 7 45	Oct. 1, 1863	June 8, 1896	32 11 26
		...	Stotesbury, William	Topogl.	{ HS., LS., Canarese. }	26 7 47	Oct. 4, 1864	Oct. 13, 1896	30 11 8
		1	James, Alfred John	Topogl.	LS.	19 11 46	June 15, 1864	Oct. 13, 1896	31 7 11
		2	Rendell, Thomas Henry	G. T. S.		23 7 44	Oct. 11, 1864	Dec. 12, 1896	33 7 29
		3	Tapsell, Charles Edward	Topogl.	LS.	14 11 44	Aug. 12, 1864	Jan. 1, 1897	33 7 17
		4	Smart, Robert Boddington	Rev.	LS.	28 6 47	Jan. 1, 1865	Feb. 4, 1897	31 0 2
		5	Todd, Hugh	G. T. S.		16 8 47	July 15, 1865	Sep. 2, 1897	30 9 16
		6	Connor, Edwin Joscelyn	G. T. S.	LS.	18 8 48	Mar. 1, 1865	Dec. 14, 1897	29 4 10
		7	Connor, James	Rev.		27 8 47	Feb. 15, 1865	Apr. 13, 1896	30 9 4
		8	Bond, James	G. T. S.		6 1 50	Oct. 18, 1866	June 4, 1898	28 5

(a) Department of Revenue and Agriculture, Resolution No. 61, dated 27th March 1895.

of India Department, as it stood on 1st July 1898.

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, R50 (b) Personal, R50	No. 25 (Tidal and Levelling).	Service reckoned under old rules.
2	550 0 0	{ (c) Charge, R100 (d) Personal, R50	In temporary charge. No. 18 (Himalaya).	Exclusive of 80 days' sick leave.
3	550 0 0	{ (d) Baluchistan, R80 (b) Personal, R50	No. 15 (Baluchistan).	
4	550 0 0		Nos. 2 and 8 (N.-W. P. and Oudh).	Copist from 1st to 30th September 1860.
5	550 0 0	(e) Upper Burma, R80	No. 3 (Upper Burma)	Apprentice from 1st January 1860. Exclusive of 5 years 10 months and 10 days' service under 20 years of age.
6	550 0 0		No. 4 (Bihar)	Absent without leave 3 days, sick leave 2 days in October, 4 days in December 1865, and 6 days in December 1866.
1	500 0 0	(f) Presidency, R45	Head-Quarters, Calcutta	Inclusive of furlough out of India, from 11th November 1888 to 8th November 1884, under suspension from 3rd to 7th November 1896.
2	500 0 0		Nos. 2 and 8 (N.-W.P. and Oudh)	Furlough in India for 1 year, from 1st May 1897.
3	500 0 0		Computing, Dehra Dún	Exclusive of furlough in India, from 10th November 1886 to 15th May 1897.
4	500 0 0	(d) Burma, R50	No. 7 (Lower Burma).	
5	500 0 0		Drawing Office, Dehra Dún	Passed the Poona C. E. College examination in 1864. Sick leave for 1 month, from 30th December 1862.
6	500 0 0		Nos. 9 and 19 (Madras).	
...			On deputation, Assam.	
...	600 0 0		Chief Draftsman, Head-Quarters, Calcutta.	
1	450 0 0	(e) Upper Burma, R80	No. 21 (Upper Burma).	
2				Furlough to Europe for 1 year from 27th March 1898.
3	450 0 0		No. 17 (Bombay Forests).	
4	450 0 0		Nos. 2 and 8 (N.-W. P. and Oudh).	Apprentice from 1st January 1860.
5	450 0 0		Nos. 9 and 19 (Madras)	Exclusive of 33 days' sick leave, from 2nd November 1868.
6	450 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.
7	450 0 0	(e) Upper Burma, R80.	No. 3 (Upper Burma).	
8	450 0 0	(d) Assam, R50	No. 25 (Tidal and Levelling)	Exclusive of 20 days' sick leave in February 1875.

(a) Department of Revenue and Agriculture No. 519, dated 18th September 1884.

(d) Department of Revenue and Agriculture No. 8, dated 8th March 1897.

(e) Secretary of State's Despatch No. 121, dated 7th May 1865.

(d) Financial Resolution No. 6826, dated 25th October 1898.

(e) Department of Finance and Commerce No. 766, dated 11th February 1892.

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

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 1906.
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Y. M. D.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

4TH GRADE. Salary R400.

13	10	...	Dunne, Thomas Henry . . .	Rev.	LS.	25 12 49	Feb. 15, 1865	July 6, 1894	28 5 28
	1		Potter, Clemons Defries . . .	G. T. S.	LS.	19 8 45	Oct. 29, 1866	Mar. 27, 1895	31 7 0
	2		Wainright, Edwin Alfred . . .	Topogl.	. . . .	8 6 48	May 1, 1866	Mar. 27, 1895	30 0 23
	3		Barker, James Alexander . . .	Topogl.	. . . .	13 4 46	Sep. 18, 1865	Nov. 26, 1895	32 2 10
	4		Ewing, Richard Cunningham Dundee.	Rev.	HS.	10 6 48	June 9, 1866	June 8, 1896	29 10 8
	5		Cornelius, Walter John . . .	Topogl.	LS.	31 3 49	Aug. 15, 1866	Oct. 13, 1896	29 3 1
	6		Todd, Robert	Topogl.	. . . .	12 7 45	Nov. 1, 1863	Dec. 12, 1896	32 11 20
	7		Jarbo, George William . . .	Rev.	LS.	15 9 47	Nov. 1, 1866	Jan. 1, 1897	30 0 0
	8		Doran, Patrick John William . . .	Topogl.	LS.	5 5 49	Feb. 1, 1867	Sept. 2, 1897	29 1 27
	...		Scott, James Reid	Rev.	LS.	5 3 49	Jan. 19, 1867	Dec. 14, 1897	29 3 27
	9		McHatton, John	Rev.	LS.	17 7 49	July 1, 1867	Dec. 14, 1897	27 11 14
	10		Hickie, John	G. T. S.	LS.	13 1 49	Apl. 29, 1868	Apl. 13, 1898	28 11 18
	11		Cusson, Geoffrey D'Estival . . .	G. T. S.	LS.	23 9 46	May 8, 1868	June 4, 1898	30 1 22
	12		Vacant . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
	13		Ditto . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .

India Department, as it stood on 1st July 1898—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
...	. . . . .	. . . . .	On deputation, Egypt . . .	Absent without leave 1 day and sick leave 10 days in October 1865.
1	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.
2	400 0 0	(d) Baluchistan, R80 . . .	No. 15 (Baluchistan).	
3	400 0 0	(f) Presidency, R30 . . .	Head-Quarters, Calcutta . . .	Exclusive of sick leave from 18th to 25th May 1893.
4	. . . . .	. . . . .	. . . . .	Furlough from 17th September 1885 to 11th September 1887. Medical leave out of India, for 9 months, from 13th April 1899.
5	400 0 0	(g) Simla R25	Drawing Office, Simla . . .	
6	400 0 0	. . . . .	Nos. 9 and 19 (Madras) . . .	Under suspension from 11th May to 6th June 1863.
7	400 0 0	(d) Burma, R50	No. 7 (Lower Burma) . . .	Apprentice Draftsman from 9th April 1866.
8	400 0 0	{ (e) Upper Burma, R80 { (c) Charge R100.	In temporary charge, 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.	
8	400 0 0	. . . . .	Nos. 2 and 8 (N.-W. P. and Oudh).	Furlough for 1 year, from 1st January 1879.
10	400 0 0	{ (d) Baluchistan, R80. { (c) Charge R100.	In temporary charge No. 24 (Baluchistan).	Exclusive of 6 months' sick leave from 1st March 1873.
11	400 0 0	(e) Upper Burma, R80.	No. 10 (Upper Burma) . . .	Inclusive of furlough out of India for 364 days, from 1st November 1879.
12	. . . . .	. . . . .	. . . . .
13	. . . . .	. . . . .	. . . . .

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

(d) Financial Resolution No. 5826, dated 25th October 1898.

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

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

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

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 1898.
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Y. M. D.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

5TH GRADE. Salary R350.

15	15	1	Swiney, George Carleton . . .	Rev.	. . . .	27 6 49	Sep. 17, 1868	Dec. 18, 1893	29 0 4
		2	Swiney, John Sidney . . .	Rev.	. . . .	19 12 50	Jan. 5, 1869	Dec. 18, 1893	27 6 12
		...	Torrens, Charles Patten . . .	G. T. S.	. . . .	19 6 51	Dec. 12, 1868	July 6, 1894	28 6 10
		3	Robert, William . . .	Topogl.	. . . .	27 2 51	Aug. 21, 1869	July 6, 1894	27 4 8
		4	Wilson, Charles Walker . . .	Rev.	LS., ES. Burmese.	9 11 45	June 21, 1867A	Aug. 7, 1894	30 3 2
		5	Parker, George Edwin . . .	Rev.	Hindi . . .	18 2 50	Nov. 18, 1870	Mar. 27, 1895	27 7 13
		6	Hall, George Thomas . . .	G. T. S.	LS.	3 12 51	Nov. 22, 1872	Mar. 27, 1895	25 7 9
		7	Vander-BEEK, George Gerard . . .	Topogl.	LS.	16 9 49	July 1, 1872	Mar. 27, 1895	27 8 21
		8	Penrose, William Henry . . .	Rev.	LS.	6 10 51	Aug. 11, 1869	Nov. 26, 1895	26 1 17
		9	Smart, Arthur William . . .	Rev.	. . . .	27 2 51	Dec. 1, 1871	June 8, 1896	26 4 0
		10	Shaw, Thomas . . .	Rev.	LS.	15 11 52	Apr. 21, 1869	Oct. 13, 1893	25 7 15
		11	Campbell, George . . .	Rev.	. . . .	13 7 48	Mar. 1, 1871	Dec. 12, 1896	28 5 19
		12	Murphy, John . . .	Rev.	. . . .	12 7 52	Nov. 1, 1871	Jan. 1, 1897	25 11 19
		13	Kelly, William Mathew . . .	Rev.	LS.	6 8 54	Oct. 1, 1872 Oct. 1, 1878 ^(A)	Feb. 5, 1897	23 10 25
		...	*Hill, Elliot Playfair Smyth . . .	Rev.	HS., LS. Persian.	14 7 55	Nov. 16, 1872	Apr. 13, 1898	22 11 15
		14	Dickinson, Richard Randall . . .	Rev.	LS.	25 7 52	Apr. 16, 1873	Apr. 13, 1898	26 3 0
		15	Knight, George Arthur . . .	Topogl.	. . . .	22 4 54	Aug. 11, 1873	June 4 1898	24 0 11

6TH GRADE. Salary R300.

20	20	1	Fielding, William Augustus . . .	G. T. S.	LS.	17 5 48	May Oct. 1, 1868 1, 1887 ^(A)	May 23, 1893	30 1 11
		2	Marten, Thomas Sinclair . . .	Forest Surv	. . . .	23 2 46	Oct. 6, 1888	May 23, 1893	24 3 18
		3	Prunty, Patrick Fitzroy . . .	G. T. S.	. . . .	24 12 54	May 9, 1874	Nov. 15, 1893	23 6 7

(A) Commencement of second service.
(B) Date of re-appointment.

* Passed the Central Provinces Settlement Department Examination in Revenue Law and Procedure by the Higher Standard.

India Department, as it stood on 1st July 1898—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. S. P.

1	350 0 0	(e) Upper Burma, R80	No. 3 (Upper Burma).	
2	350 0 0	(d) Burma, R50	No. 7 (Lower Burma).	
...	. . . .	. . . .	On deputation, Burma . . .	Exclusive of 2 days' overstayed privilege leave.
3	350 0 0	. . . .	No. 18 (Himalaya).	
4	350 0 0	(d) Burma, R50	No. 20 (Burma) . . .	Sick leave for 3 months from 1st March 1899, 2 months from 1st August 1899, and from 22nd April to 31st May 1892. Leave on private affairs for 2 months and 10 days from 23rd March 1897.
5	350 0 0	. . . .	No. 18 (Himalaya) . . .	Passed the Poona C. E. Examination in 1864. Passed in Hindi as notified in the C. P. Gazette of 26th January 1889.
6	350 0 0	(c) Upper Burma, R80.	No. 10 (Upper Burma).	
7	350 0 0	. . . .	No. 12 (Sind) . . .	Apprentice Draftsman from 11th October 1870.
8	350 0 0	{ (d) Assam R50 . . . } { (h) Settlement R50 }	No. 6 (Assam) . . .	Medical leave from 22nd October to 28th November 1893, and from 3rd August 1896 to 2nd February 1897, excluded.
9	350 0 0	(h) Settlement, R50	No. 4 (Bihar) . . .	Sick leave for 3 months from 8th July 1890.
10	350 0 0	. . . .	Nos. 2 and 8 (N.-W. P. and Oudh).	
11	350 0 0	(f) Presidency, R30	Head-Quarters, Calcutta . . .	Office Assistant from 1st January 1864. Furlough for 1 year, from 22nd September 1891. Medical leave from 16th March to 15th September 1891.
12	350 0 0	. . . .	Nos. 2 and 8 (N.-W. P. and Oudh.)	Office Assistant from 22nd November 1868.
13	350 0 0	(e) Upper Burma, R80.	No. 11 (Upper Burma) . . .	Inclusive of service in the Forest Department from 1st November 1877 to 30th September 1878.
...	450 0 0	. . . .	Head Draftsman, Head-Quarters, Calcutta.	
14	350 0 0	(g) Simla, R25	Drawing Office, Simla . . .	Apprentice from 1st April 1872.
15	350 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan) . . .	Medical leave from 12th May to 7th July 1892.

1	300 0 0	. . . .	In charge, Training School, Dehra Dón.	Inclusive of service in the Bombay Secretariat, from 1st April 1886 to 30th September 1887.
2	300 0 0	. . . .	On deputation, Forest Department.	Includes previous service in Forest Department from 14th March 1874.
3	300 0 0	(d) Baluchistan, R80	No. 24 (Baluchistan).	Joined as Computer, 1st December 1873.

(d) Financial Resolution No. 5926, dated 25th October 1886.

(e) Department of Finance and Commerce No. 766, dated 11th February 1899.

(f) Financial Resolution No. 704, dated 22nd February 1886.

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

(h) Secretary of State's Despatch No. 75 (Revenue), dated 15th August 1899.

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 1898.
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PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—concl'd.

6TH GRADE. Salary R300—concl'd.

No.	Name	Branch	Lang.	DOB	Joining	Promotion	Service
4	White, Patrick	Topogl.	LS.	10 10 50	Oct. 1, 1872	Nov. 25, 1893	21 10 0
5	Keating, James	G. T. S.		4 5 54	June 1, 1874	July 6, 94	24 1 0
6	Norman, Sydney Frederick	G. T. S.		8 8 54	Sep. 1, 1874	Aug. 7, 1894	23 10 0
7	Norman, Charles Arthur	G. T. S.	LS.	18 6 56	Oct. 12, 1874	Mar. 27, 1895	22 11 0
8	Kraal, Charles Samuel	Rev.	LS.	25 10 53	July 24, 1874	Mar. 27, 1895	23 10 21
9	Berkeley, Lionel Fitz-Hardinge	Rev.	LS.	28 8 54	Aug. 16, 1875	Apr. 27, 1895	22 10 16
10	Marten, James	Forest Surv.		27 9 51	Oct. 6, 1888	Oct. 27, 1895	22 8 10
11	Tate, George Passman	†	LS. & HS. Baluchi.	22 7 56	Mar. 12, 1878	Nov. 26, 1895	21 11 0
12	Kennedy, Joseph Michael	G. T. S.		2 11 56	Aug. 19, 1875	June 8, 1896	20 10 28
...	Smart, Patrick Colin Henry	†		16 9 55	Apr. 18, 1878	Oct. 13, 1896	19 9 6
13	Warwick, Robert Francis	G. T. S.	LS.	25 3 55	July 2, 1875	Oct. 13, 1896	20 2 8
14	George, Alfred	†	LS.	14 1 55	Oct. 15, 1878	Jan. 1, 1897	19 8 17
15	George, Christopher	†	L.S. Burmese	7 12 52	Sep. 5, 1878	Feb. 5, 1897	23 10 14
16	Waller-Senior, Robert	†	LS.	13 11 60	Dec. 21, 1878	Mar. 21, 1897	17 2 24
17	Higgs, John Adolphus	†	LS.	18 4 59	Sep. 12, 1881	Jan. 18, 1898	18 6 0
...	Smart, Oswald David	†		16 9 57	Oct. 1, 1881	Mar. 1, 1898	16 0 14
18	Ewing, Arthur	†		30 4 62	Nov. 16, 1881	Mar. 1, 1898	16 6 0
19	Gastaud, Michael	†		8 3 62	May 1, 1882	Apr. 13, 1898	16 4 0
...	Beechey, Percy	†	LS. & HS. Burmese.	18 7 61	Dec. 1, 1882	June 4, 1898	15 7 0
20	Berkeley, Ernest Fitz-Hardinge	†	LS.	21 10 64	Sep. 1, 1883	June 4, 1898	15 8 10

Sub-Assistant Superintendents.

1ST GRADE. Salary R300 rising to R250.

No.	Name	Branch	Lang.	DOB	Joining	Promotion	Service
22	Barkley, William Cyclone Grame	Topogl.		22 10 51	Dec. 1, 1871	Mar. 1, 1898A	26 0 0
2	Madras, Septimus Oswald	Rev.		14 8 50	July 6, 1868	Aug. 7, 1894A	27 6 0
...	Ewing, Walter Herbert Donald	†	LS.	23 8 57	Apr. 15, 1878	May 16, 1899	20 0 0

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

India Department, as it stood on 1st July 1898—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
4	200 0 0	(e) Upper Burma, R80	No. 11 (Upper Burma)	Exclusive of sick leave for 3 months from 21st October 1878; extension for 3 months; further extension of leave without pay up to 17th August 1879. On half-pay list from 18th August 1879 to 31st August 1880. Sick leave for 1 year from 17th October 1881; extension to 28th January 1883. Sick leave for 3 months from 6th November 1883. Furlough for one year and six months from 24th March 1892.
5	300 0 0	{(d) Assam, R50} {(c) Charge R100}	In temporary charge, No. 14 (Lushai).	
6	300 0 0		No. 17 (Bombay Forests).	
7	300 0 0		No. 17 (Bombay Forests).	
8	300 0 0	(h) Settlement, R50	No. 4 (Bihar)	Sick leave from 6th to 22nd February 1879.
9			On deputation, N.-W. Provinces.	
10	300 0 0		On deputation, Forest Department.	Includes previous service in Forest Department, from 22nd October 1876.
11	300 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan)	Apprentice from 1st March 1874.
12	300 0 0	(e) Upper Burma R 80	No. 21 (Upper Burma)	Medical leave for 9 months from 1st July 1897.
...			On deputation, N.-W. Provinces.	Sick leave from 8th April to 14th September 1893.
13	300 0 0		No. 12 (Sind)	Exclusive of medical leave for 2 months from 10th October 1877; for 3 months from 1st May 1879; for 4 months and 25 days from 30th August 1881; and for 11 months and 30 days from 16th August 1892. Furlough for 1 year from 28th May 1892.
14	300 0 0	(d) Burma, R50	No. 20 (Burma)	Exclusive of previous service as Sub-Surveyor.
15	300 0 0		Nos. 9 and 19 (Madras)	Previous service as Sub-Surveyor from 16th August 1874.
16	300 0 0	(d) Assam, R50	No. 14 (Lushai)	Exclusive of medical leave from 8th May to 6th October 1880.
17	300 0 0		Drawing Office, Debra Etc.	Previous continuous service in Board of Revenue from 4th March 1878, and joined as apprentice from 31st July 1878. Medical leave from 7th March to 18th November 1899.
...			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.
18	300 0 0	(d) Burma, R50	No. 20 (Burma)	
19	300 0 0	(e) Upper Burma, R80	No. 3 (Upper Burma)	Apprentice Draftsman from 3rd January 1882.
...			On deputation, Burma.	
20	300 0 0		No. 4 (Bihar)	Office Assistant from 1st May 1881.
1	250 0 0		Nos. 9 and 19 (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	250 0 0	(f) Presidency, R20	Head-Quarters, Calcutta	Under suspension from 15th May to 6th August 1894.
...	325 0 0		Draftsman, Head-Quarters, Calcutta.	Exclusive of 3 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 29th July 1880.

(c) Secretary of State's Despatch No. 121, dated 7th May 1886.
(d) Financial Resolution No. 5826, dated 25th October 1888.
(e) Department of Finance and Commerce No. 766, dated 11th February 1889.
(f) Financial Resolution No. 704, dated 22nd February 1896.
(h) Secretary of State's Despatch No. 75 (Revenue), dated 16th August 1890.

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 1898.
PROVINCIAL SERVICE—contd.									
Sub-Assistant Superintendents—contd.									
1st GRADE. Salary ₹200 rising to ₹250—concl'd.									
3			Barker, Joshua Paul	†	. . . . .	21 8 65	Dec. 23, 1883	Nov. 1, 1893	12 10 10
...			Bedford, Nolan	†	. . . . .	16 7 61	Jan. 10, 1884	Nov. 15, 1893	14 6 8
4			Hughes, Benjamin Robert	†	LS. & LS. Burmese.	13 6 66	Oct. 15, 1883	July 6, 1894	12 0 1
5			Descubes, Alexander	Forest Survey.	. . . . .	17 7 54	Dec. 5, 1889	Jan. 28, 1895	11 5 1
6			Serrao, Philip Joseph	†	LS. Burmese.	3 7 61	Apl. 24, 1884	Mar. 27, 1895	14 8 7
7			Smith, Joseph	†	. . . . .	14 9 63	Aug. 1, 1884	Mar. 27, 1895	13 1 0
...			Johnson, William Edmund	†	ES. Burmese.	14 9 61	Aug. 18, 1884	Mar. 27, 1895	13 10 11
...			Skilling, William	†	LS.	26 4 67	Nov. 24, 1884	Apl. 27, 1895	11 2 0
...			Smart, Aylmer Doddington	†	. . . . .	27 9 65	Feb. 25, 1885	Apl. 27, 1895	12 5 2
8			Lee, Charles Graham	†	. . . . .	23 8 66	Mar. 1, 1886	May 3, 1895	11 10 8
9			Bell, Frederick Samuel	†	. . . . .	28 9 64	Sep. 24, 1886	Oct. 15, 1895	11 9 7
10			Walsh, Felix Patrick	†	. . . . .	20 11 66	Mar. 4, 1886	Oct. 25, 1895	11 7 10
11			Powell, Frank Burgess	†	ES. LS. Burmese.	11 8 64	Sep. 23, 1886	Oct. 27, 1895	11 9 8
12			Yusaf Sharif, Khan Bahadur	†	. . . . .	18 12 46	Dec. 1, 1886	Nov. 12, 1895	31 0 15
13			Hira Singh, Rai Bahadur	†	. . . . .	1 9 51	Mar. 12, 1887	Nov. 26, 1895	27 4 2
14			Babonau, Thomas Walter (Jr.)	†	LS. & ES. Burmese.	10 7 66	Jan. 15, 1884	June 8, 1896	10 10 1
...			Haddock, John A. T.	†	LS. ES. Burmese.	16 10 63	Nov. 26, 1887	Oct. 13, 1896	10 7 1
15			Baker, William John	†	ES. Burmese	18 8 66	Jan. 25, 1888	Oct. 13, 1896	10 5 7
...			Wood, Charles George Stotesbury	†	LS.	1 7 68	Aug. 2, 1884	Jan. 1, 1897	10 0 0
16			Gasper, Cecil Stephen	†	. . . . .	11 8 68	Mar. 2, 1888	Jan. 1, 1897	9 10 2
17			Johnson, Clarence Henry Godwin	†	. . . . .	14 6 69	Nov. 13, 1888	Feb. 5, 1897	9 0 1
18			Shaw, Henry George	†	. . . . .	21 2 62	Jan. 1, 1889	Mar. 1, 1897	15 8 0
19			Adams, William Fredric Edward	†	. . . . .	12 6 68	Aug. 26, 1889	Mar. 21, 1897	8 10 0
20			Murphy, Joseph Horrocks	†	. . . . .	26 7 69	Nov. 1, 1887	Jan. 18, 1898	7 11 0
21			Nichol, John Henry	Forest Survey.	. . . . .	9 4 67	Dec. 12, 1889	Apl. 13, 1898	9 6 10
22			Rae, George	†	. . . . .	23 11 70	Nov. 19, 1890	June 4, 1898	7 7 0

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

India Department, as it stood on 1st July 1898—continued.

No. existing in each grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	REMARKS.
<i>R. a. p.</i>				
3	300 0 0	. . . . .	No. 25 (Tidal and Levelling).	Officiating Extra Assistant Superintendent 6th grade.
...	. . . . .	. . . . .	On deputation, N.-W. Provinces.	
4	240 0 0	. . . . .	On deputation, Forest Department.	Temporarily transferred to the Forest Survey Branch from 16th October 1897.
5	230 0 0	. . . . .	On deputation, Forest Dept.	Includes previous service in Forest Department, from 18th January 1887.
6	250 0 0	(e) Upper Burma, R80	No. 10 (Upper Burma).	
7	230 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 for 4 months from 4th October 1895.
8	. . . . .	. . . . .	On deputation, Siam	Previous temporary service in the Cadastral Establishment, from 1st December 1883 to 28th February 1886.
9	220 0 0	(e) Assam, R40	No. 6 (Assam).	
10	. . . . .	. . . . .	On deputation, Siam.	
11	. . . . .	. . . . .	On deputation, N.-W. Provinces.	
12	220 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan)	Joined as Sub-Surveyor, 18th June 1887.
13	220 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan)	Joined as Sub-Surveyor, 13th November 1873. Previous service in G. T. O., Printing Section, from 1st October 1871. Sick leave from 7th February to 6th April 1889. Leave without pay for 7 days in July 1887.
14	250 0 0	. . . . .	No. 4 (Bihar)	Extraordinary leave from 8th April to 21st November 1889. Leave to Europe on private affairs, from 30th June to 20th December 1892.
...	. . . . .	. . . . .	On deputation, Burma.	
15	210 0 0	(e) Upper Burma, R80	No. 3 (Upper Burma).	
...	. . . . .	. . . . .	On deputation, Burma.	Leave without allowance, from 12th May 1889 to 11th January 1889.
16	210 0 0	. . . . .	No. 4 (Bihar).	
17	. . . . .	. . . . .	On deputation, N.-W. Provinces.	
18	210 0 0	(e) Upper Burma, R80.	No. 11 (Upper Burma)	Includes previous service in the Meteorological Department, from 1st January 1883.
19	210 0 0	(e) Upper Burma, R80.	No. 21 (Upper Burma).	
20	. . . . .	. . . . .	On deputation, N.-W. Provinces	Medical leave for 1 month, from 18th Apl. 1890.
21	200 0 0	. . . . .	On deputation, Forest Department.	Includes previous service in Forest Department, from 18th December 1886.
22	. . . . .	. . . . .	On deputation, N.-W. Provinces.	

(d) Financial Resolution No. 5928, dated 25th October 1888.

(e) Department of Finance and Commerce No. 766, dated 11th February 1896.

Classified List of Officers of the Provincial Service, Survey of

No. under re-organisation scheme.	No. under old scheme.	No. existing 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 1898.
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PROVINCIAL SERVICE—contd.

Y. M. D.

Sub-Assistant Superintendents—contd.

2ND GRADE. Salary ₹160 rising to ₹200.

24	1	Warde, Francis Edward . . . . .	†	. . . . .	. . . . .	7 9 51	Nov. 13, 1884A	Oct. 1, 1889	12 3 6
	2	Charrier, Henry Arthur . . . . .	†	. . . . .	L.S. ES. Burmese.	22 10 64	Apl. 21, 1884	Mar. 1, 1891	13 0 28
	3	Imam Sharif, Khan Bahadur . . . . .	†	. . . . .	. . . . .	7 4 49	May 6, 1891	July 6, 1894	28 6 0
	4	Litchfield, Charles . . . . .	†	. . . . .	. . . . .	24 1 66	Jan. 10, 1892	Nov. 1, 1894	9 7 17
	5	*Biggie, Henry William . . . . .	†	. . . . .	ES., H.E. Burmese.	9 12 71	Nov. 21, 1891	Mar. 27, 1895	6 6 23
	6	Aulad Houssein . . . . .	†	. . . . .	. . . . .	0 12 68	Nov. 13, 1891	Mar. 27, 1895	6 7 18
	7	Rahmatulla . . . . .	†	. . . . .	. . . . .	28 9 66	Nov. 13, 1891	Mar. 27, 1895	11 9 4
	8	Greif, Joseph Oscar . . . . .	†	. . . . .	LS.	2 8 72	Nov. 13, 1891	Mar. 27, 1895	6 0 0
	9	Chatterjee, Nilmoni . . . . .	†	. . . . .	. . . . .	17 11 70	Nov. 23, 1891	Apl. 27, 1895	6 5 7
	...	Powell, Harry Burgess . . . . .	†	. . . . .	ES. and LS. Burmese.	2 6 70	Nov. 22, 1891	May 3, 1895	6 7 8
	10	Freeman, John Alaric . . . . .	†	. . . . .	. . . . .	24 7 70	Nov. 23, 1891	Oct. 15, 1895	6 7 8
	11	Ollenbach, Osmond Charles . . . . .	†	. . . . .	LS. Burmese	3 4 67	Nov. 23, 1891	Oct. 25, 1895	6 7 8
	12	Hanby, Herbert Henry Bladen . . . . .	†	. . . . .	. . . . .	21 6 72	Nov. 25, 1891	Nov. 12, 1895	6 1 18
	13	Newland, Walter . . . . .	†	. . . . .	LS. Burmese	28 4 76	Sept. 11, 1893	Nov. 26, 1895	2 2 8
	14	Gorman, William Michael . . . . .	†	. . . . .	. . . . .	28 7 73	Sept. 19, 1893	Apl. 8, 1896	4 9 12
	15	Amar Singh . . . . .	†	. . . . .	ES. and LS. Burmese.	1 1 63	Sept. 18, 1893	June 8, 1896	13 2 5
	16	Wilson, John Henry Stanhope . . . . .	†	. . . . .	LS.	10 1 71	Sept. 4, 1893	Jan. 1, 1897	4 9 27
	17	Sluchan, Michael Joseph . . . . .	†	. . . . .	. . . . .	20 1 75	Oct. 30, 1895	Mar. 1, 1897	2 8 6
	18	Petters, Malcolm Campbell . . . . .	†	. . . . .	. . . . .	27 12 73	Nov. 1, 1895	Feb. 5, 1897	2 8 0
	19	Psychers, Alexander Henry . . . . .	†	. . . . .	. . . . .	26 8 75	Oct. 15, 1895	Mar. 21, 1897	2 8 17
	20	Donoghue, John . . . . .	†	. . . . .	L.S.	20 9 74	Oct. 26, 1895	Oct. 10, 1897	2 8 6
	21	Biggie, Edwin John . . . . .	†	. . . . .	. . . . .	16 2 73	Oct. 24, 1895	Jan. 18, 1898	2 8 8
	22	Vaughan, Percival Kenneth . . . . .	†	. . . . .	. . . . .	14 2 70	Nov. 23, 1891	Apl. 13, 1898	6 7 8
	23	Causley, Philip Lloyd . . . . .	†	. . . . .	. . . . .	12 6 72	Oct. 25, 1895	June 1, 1898	2 8 11
	24	Bose, Abinash Chunder . . . . .	†	. . . . .	E. S., L.S. Burmese.	16 11 72	Oct. 15, 1895	June 4, 1898	2 8 17

† Joined the Department after the amalgamation on 1st January 1878.
 * Passed the Burma Land Records Department examination in Revenue, by the Higher standard.
 (A) Date of re-appointment.

India Department, as it stood on 1st July 1898—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	0 0 0	(g) Simla, ₹16	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, 9 days in May, 14 days in July, and 7 days in Aug.; and sick leave from 5th 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; absent for 7 days without pay in August 1897, 2 days in September 1897, and 7 days in October 1897.
2	181 0 0	(d) Burma, ₹50	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	. . . . .	On deputation, Zanzibar	Joined as Sub-Surveyor, 1st September 1871.
4	200 0 0	. . . . .	On deputation, Forest Department.	Includes previous service in Forest Department, from 14th November 1889.
5	. . . . .	. . . . .	On deputation, Siam.	
6	176 0 0	. . . . .	Nos. 2 and 8 (N.-W. P. and Oudh)	Joined as Computer, 2nd February 1891.
7	181 0 0	. . . . .	No. 12 (Sind)	Joined as Computer, 16th August 1886.
8	176 0 0	. . . . .	No. 18 (Himalaya).	
9	176 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.
10	176 0 0	(e) Upper Burma, ₹80	No. 10 (Upper Burma).	
11	176 0 0	. . . . .	Nos. 2 and 8 (N.-W. P. and Oudh.)	
12	176 0 0	(f) Presidency ₹20	Head-quarters, Calcutta.	
13	176 0 0	(e) Upper Burma, ₹80	No. 3 (Upper Burma).	
14	168 0 0	. . . . .	No. 18 (Himalaya).	
15	168 0 0	. . . . .	Nos. 2 and 8 (N.-W. P. and Oudh.)	Includes previous service in the Meteorological Department from 8th April 1895. Leave without allowance from 28th November to 15th December 1895.
16	168 0 0	. . . . .	Nos. 9 and 19 (Madras).	
17	168 0 0	. . . . .	Nos. 9 and 13 (Madras).	Medical leave from 4th December 1895 to 31st January 1896.
18	168 0 0	(d) Baluchistan ₹80	No. 15 (Baluchistan).	
19	168 0 0	(f) Presidency, ₹20	Head-quarters, Calcutta.	
20	160 0 0	. . . . .	Nos. 9 and 19 (Madras).	
21	160 0 0	. . . . .	No. 18 (Himalaya).	
22	160 0 0	(f) Presidency, ₹20	Head-quarters, Calcutta.	
23	160 0 0	. . . . .	No. 4 (Bihar)	Medical leave from 15th October 1896 to 2nd April 1897.
24	160 0 0	(a) Burma, ₹50	No. 7 (Lower Burma).	

(d) Financial Resolution No. 5826, dated 25th October 1889.
 (e) Department of Finance and Commerce No. 758, dated 11th February 1890.
 (f) Ditto No. 704, dated 22nd February 1886.
 (g) Revenue and Agricultural Department No. 1339, dated 1st November 1890.
 30-6

Classified List of Officers of the Provincial Service, Survey of

No. under the 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 1898.
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Y. M. D.

PROVINCIAL SERVICE—concl'd.

Sub-Assistant Superintendents—concl'd.

3RD GRADE, Salary ₹120 rising to ₹160.

26	26	1	Williams, Patrick . . . . .	†	. . . . .	18 3 71	Sept. 16, 1893	June 1, 1898A	4 9 15
		2	Roy, Himansu Kumar . . . . .	†	. . . . .	5 9 73	Oct. 15, 1895	. . . . .	2 6 29
		3	Bond, Edgar Clinton James . . . . .	†	. . . . .	19 4 70	Dec. 17, 1896	. . . . .	7 9 1
		4	Jagadamba Prasad . . . . .	†	. . . . .	10 1 70	Nov. 17, 1896	. . . . .	3 11 22
		5	Cooper, Henry Charles Hubert.	†	L. S.	5 8 74	Nov. 24, 1896	. . . . .	1 7 7
		6	Fronch, Charles Edwin Cluge . . . . .	†	. . . . .	16 3 75	Nov. 14, 1896	. . . . .	1 7 17
		7	Byrne, Charles Cahill . . . . .	†	. . . . .	25 9 76	Nov. 20, 1896	. . . . .	1 7 12
		8	Veale, Charles John . . . . .	†	. . . . .	8 3 77	Nov. 25, 1896	. . . . .	1 7 7
		9	Anderson, Percival Robert . . . . .	†	. . . . .	28 2 74	Nov. 27, 1896	. . . . .	1 7 5
		10	Hardinge, Eustace Gilbert . . . . .	†	. . . . .	6 5 73	Nov. 25, 1896	. . . . .	1 7 7
		11	O'Donel, Conel Angus . . . . .	†	. . . . .	31 7 76	Dec. 10, 1896	. . . . .	1 6 23
		12	Ahmed Ali Khan, Khan Bahadur . . . . .	†	. . . . .	1 12 47	Nov. 15, 1896	. . . . .	30 7 0
		13	Hanuman Prasad . . . . .	†	. . . . .	17 7 69	Nov. 15, 1896	. . . . .	7 8 0
		14	Littlewood, Charles Sutherland . . . . .	†	. . . . .	2 9 75	Nov. 15, 1896	. . . . .	1 7 16
		15	Hunter, Douglas John, B. A. . . . .	†	. . . . .	9 9 75	Nov. 11, 1897	. . . . .	0 7 21
		16	Corriden, Edgar Henry . . . . .	†	. . . . .	25 11 73	Nov. 12, 1897	. . . . .	0 7 20
		17	Dhani Ram . . . . .	†	. . . . .	4 8 75	Nov. 20, 1897	. . . . .	0 7 12
		18	Jarbo, William George . . . . .	†	. . . . .	10 3 76	Nov. 17, 1897	. . . . .	0 7 15
		19	Hunter, Harry Renfrew . . . . .	†	. . . . .	28 6 78	Nov. 11, 1897	. . . . .	0 0 3
		20	Berrill, Bernard Marie . . . . .	†	. . . . .	22 10 74	Nov. 5, 1897	. . . . .	0 7 27
		21	Ikbaluddin . . . . .	†	. . . . .	8 8 54	Nov. 8, 1897	. . . . .	23 10 15
		22	Vacant . . . . .		. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
		23	Ditto . . . . .		. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
		24	Ditto . . . . .		. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
		25	Ditto . . . . .		. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
		26	Ditto . . . . .		. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

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

India Department, as it stood on 1st July 1898—concluded.

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

1	160 0 0	(e) Upper Burma, R80	No. 21 (Upper Burma).	
2	128 0 0	(e) Upper Burma, R80	No. 3 (Upper Burma)	Medical leave from 13th July to 31st August 1896.
3	128 0 0	. . . . .	No. 12 (Sind)	Previous service in No. 25 party and Marine Survey from 1st October 1890 to 10th December 1896 included.
4	128 0 0	. . . . .	Nos. 2 and 8 (N.-W. P. and Oudh.)	Joined as Despatcher, Photoinco section, Trigonometrical Branch Office, 10th July 1894. Previous temporary service as Computer from 17th August 1891 to 9th July 1894.
5	128 0 0	(d) Baluchistan, R80	No. 15 (Baluchistan).	
6	128 0 0	. . . . .	No. 18 (Himalaya).	
7	128 0 0	(f) Presidency R20	Head-quarters, Calcutta.	
8	128 0 0	. . . . .	No. 12 (Sind).	
9	128 0 0	(e) Upper Burma, R80	No. 21 (Upper Burma).	
10	. . . . .	. . . . .	No. 3 (Upper Burma)	On Medical leave for 3 months, from 16th June 1898.
11	128 0 0	. . . . .	Nos. 2 and 8 (N.-W. P. and Oudh.)	
12	128 0 0	(d) Baluchistan, R80.	No. 15 (Baluchistan)	Joined as Sub-Surveyor, 1st December 1867.
13	128 0 0	. . . . .	No. 23 (Astronomical)	Joined as Computer, 1st November 1890.
14	128 0 0	. . . . .	Nos. 2 and 8 parties (N.-W. P. and Oudh.)	Previous temporary service in Cadastral Establishment.
15	120 0 0	. . . . .	Debra Dun, under training	On probation.
16	120 0 0	. . . . .	Ditto ditto	Ditto.
17	120 0 0	. . . . .	Ditto ditto	Ditto.
18	120 0 0	. . . . .	Ditto ditto	Ditto.
19	120 0 0	. . . . .	Ditto ditto	Ditto.
20	120 0 0	. . . . .	Ditto ditto	Ditto.
21	120 0 0	. . . . .	Burma-China Boundary Delimitation Commission.	Ditto. Joined as Sub-Surveyor, April 1874.
22	. . . . .	. . . . .	. . . . .
23	. . . . .	. . . . .	. . . . .
24	. . . . .	. . . . .	. . . . .
25	. . . . .	. . . . .	. . . . .
26	. . . . .	. . . . .	. . . . .

(d) Financial Resolution No. 6826, dated 25th October 1889.

(e) Department of Finance and Commerce No. 756, dated 11th February 1869.

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

Names of Administrative and Technical Offices of the Survey of India Department, as they stood on 1st July 1898.

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	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 1898.

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

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 1898.

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— No. 10 Party (Upper Burma). No. 11 Party (Upper Burma). No. 14 Party (Lushai). No. 15 Party (Dalu-chistan). No. 17 Party (Bombay Foreste). No. 21 Party (Upper Burma). Simla Drawing Office.
Deputy Surveyor-General, in charge Topographical Branch.	Ditto . . .	. . .	. . . . .	. . .	. . .	Ditto	
(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. Hooday, I.S.O.	. . .	. . . . .	. . .	. . .	May 27, 98	Superintendence of— Nos. 2 & 8 Parties (N.W. P. and Ondh). No. 3 Party (Upper Burma). No. 6 Party (Assam). No. 7 Party (Lower Burma). Nos. 9 & 19 Parties (Madras). No. 20 Party (Burma).
(Calcutta.)							
Enpdt. of Settlement Surveys in Bengal.	Captain R. T. Crichton, I.S.O.	. . .	. . . . .	D. Sup.	1st	Oct. 19, 95	Superintendence of— No. 4 Party (Bihar).
(Mussoree.)							

Disposition List of Officers of the Survey of India Department attached to the Headquarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1st July 1898—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 Survey.	Lt.-Col. St. G. G. Gore, B.E.	. . .	. . . . .	Sup.	1st	May 1, 94	On special leave for 6 months from 28th April 1898.
Offg. ditto	Major S. G. Burrard, B.E.	. . .	. . . . .	Sup.	2nd	Apl. 26, 98	Superintendence of Offices at Dehra and of— No. 12 Party (Sind). No. 18 Party (Himalaya). No. 22 Party (Astro.) No. 23 Party (Astro.) No. 24 Party (Baluchistan). No. 25 Party (Tidal and Levelling). In charge, Computing, Trigonometrical Branch, Office.
		J. Eccles, M.A.	. . . . .	Sup.	2nd	Nov. 22, 97	In charge, Computing.
		Lt. E. A. Tandy, B.E.	. . . . .	A. Sup.	2nd	Jan. 31, 98	} Trigonometrical Branch, Office.
		Lt. A. Mears, I.S.C.	. . . . .	A. Sup.	2nd	Apl. 13, 98	
			A. D. T. Christie .	E. A. Sup.	2nd	May 2, 92	Computing.
			C. H. McA'Fee .	E. A. Sup.	2nd	Feb. 1, 85	Drawing Section.
			J. A. Higgs .	E. A. Sup.	6th	Mar. 1, 97	Ditto.
			W. A. Fielding .	E. A. Sup.	6th	Nov. 4, 97	In charge Training School.
			D. J. Hunter .	S. A. S.	3rd	Nov. 11, 97	On probation under training.
			E. H. Corridon .	S. A. S.	3rd	Nov. 12, 97	Ditto.
			Dhani Ram .	S. A. S.	3rd	Nov. 20, 97	Ditto.
			W. G. Jarbo .	S. A. S.	3rd	Nov. 17, 97	Ditto.
			H. R. Hunter .	S. A. S.	3rd	Nov. 11, 97	Ditto.
			B. M. Berrill .	S. A. S.	3rd	Nov. 5, 97	Ditto.
(Dehra.)							
Assistant Surveyor-General, Drawing and Engraving Offices.	A. E. Spring .	. . . . .	. . . . .	Offg. D. Sup.	1st	May 9, 96	
			A. G. Wyatt .	E. A. Sup.	2nd	Apl. 27, 98	
			W. Stotesbury .	E. A. Sup.	3rd	Dec. 2, 96	
			J. A. Darker .	E. A. Sup.	4th	June 5, 93	
			G. Campbell .	E. A. Sup.	5th	Nov. 1, 94	
			E. P. S. Hill .	E. A. Sup.	5th	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	
			H. H. B. Hanby .	S. A. S.	2nd	Feb. 20, 98	
			A. H. Peychers .	S. A. S.	2nd	May 10, 98	
			P. K. Vaughan .	S. A. S.	2nd	Oct. 16, 97	
			C. C. Byrne .	S. A. S.	3rd	Oct. 27, 97	
(Calcutta.)							

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 1898—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.O.	. . .	. . . . .	Sup.	1st	Feb. 4, 97	
Offg. ditto (Calcutta.)	Bt. Major W. J. Bythell, R.E.	. . .	. . . . .	Offg. Sup.	2nd	June 13, 98	
Assistant Surveyor-General, Photographic and Lithographic Offices. (Calcutta.)	T. A. Pope	. . .	. . . . .	Offg. Sup.	2nd	June 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.	Bt. Lieut.-Colonel R. A. Wahab, C.I.E., R.E.	. . .	. . . . .	Offg. Sup.	1st	Apl. 11, 98	
	G.W. E. Atkinson	. . .	. . . . .	Offg. D. Sup.	1st	Nov. 8, 92	
			W. J. Cornelius	E. A. Sup.	4th	Feb. 1, 90	
			B. R. Dickinson	E. A. Sup.	5th	Dec. 5, 96	
(Simla.)			F. E. Warde	S. A. S	2nd	May 1, 90	

List of Technical and Ministerial Officers of the Survey of India
Department drawing Rs. 100 and above, as it stood on 1st
July 1898.

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

HEAD-QUARTERS OFFICES, CALCUTTA.

Correspondence Office.

T. W. Babonau . . .	24 2 44	Registrar . .	400-40-600	Aug. 9, 1861	Sep. 1, 1894	
T. A. Milne	5 8 55	Head Assistant	250-10-300	June 20, 1872	Dec. 1, 1892	
F. A. D' Rozario . .	3 7 49	Head Clerk . .	200-20-300	Oct. 14, 1874	Dec. 1, 1897	
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.
Kali Pudo Banerjee .	27 10 39	Do.	125 0 0	Jan. 1, 1859	Sep. 1, 1885	Extension of service to 26th October 1898.
Danee 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 Narnin Ghose, B.A.	30 11 46	Do.	100 0 0	Apl. 5, 1869	Mar. 1, 1886	
Ram Kristo Chunder .	30 9 39	Do.	100 0 0	May 14, 1857	Feb. 1, 1889	Extension of service to 28th September 1898.
Rajkrishna Mukerjee .	11 8 49	Do.	100 0 0	Aug. 11, 1873	Sep. 1, 1894	

Drawing Office.

W. Stotcbery	26 7 47	Chief Draftsman	600 0 0	Oct. 4, 1864	May 17, 1897	
E. P. S. Hill	14 7 55	Head do. . . .	450 0 0	Nov. 16, 1872	Apl. 13, 1898	
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 29th September 1898.
A. J. Musgrove . . .	18 2 58	Ditto	250 0 0	Apl. 22, 1877	Dec. 1, 1892	

*List of Technical and Ministerial Officers of the Survey of India Department drawing
R100 and above, as it stood on 1st July 1898—continued.*

NAME.	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.

Drawing Office—concl'd.

EUROPEAN DRAFTSMEN—concl'd.

A. S. Dateman . . .	5 11 57	Draftsman . . .	200 0 0	Dec. 6, 1882	Apl. 6, 1898	Short-drawn R25. Suspended from office, 4th to 6th April 1898. On deputation to Siam, from 12th May 1898 when he was in R175 post.
E. Sinclair . . .	2 12 61	Ditto . . .	. . . . .	June 1, 1880	
N. G. Watson . . .	2 9 74	Ditto . . .	150 0 0	Nov. 1, 1892	May 12, 1898	On deputation, Forest Department from 20th April 1896. Short-drawn R25, sub. pro tem.
A. Wilson . . .	7 7 72	Ditto . . .	125 0 0	Apl. 10, 1893	May 12, 1898	Sub. pro tem.
C. L. Green . . .	27 4 77	Ditto . . .	100 0 0	Apl. 1, 1893	May 12, 1898	Short-drawn R25, sub. pro tem. Short-drawn R25.

NATIVE DRAFTSMEN.

Purna Chunder Sen . . .	15 1 54	Draftsman . . .	120 0 0	July 10, 1877	Apl. 5, 1895	Extension of service up to 17th August 1898.
Muttyulla . . .	17 8 42	Ditto . . .	100 0 0	Dec. 29, 1862	July 1, 1890	
Abdul Azees . . .	31 5 43	Ditto . . .	100 0 0	Sep. 1, 1863	Oct. 1, 1896	

Additional Establishment, Drawing Office.

Vacant . . .	. . . . .	Draftsman . . .	400 0 0	. . . . .	. . . . .
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	Apl. 23, 1891	Extension of service up to 6th January 1898.
B. M. Coard . . .	21 8 58	(a) 2nd ditto . . .	600 0 0	Feb. 1, 1875	Dec. 1, 1896	
A. W. N. James . . .	21 1 60	(a) 3rd ditto . . .	500 0 0	Mar. 15, 1878	Oct. 5, 1897	On furlough out of India for 1 year from 30th Sep. 1897.
A. B. Coard . . .	3 10 61	(a) 4th ditto . . .	. . . . .	Ditto . . .	Ditto . . .	
E. Earle . . .	21 3 64	(a) 5th ditto . . .	400 0 0	May 1, 1880	Ditto . . .	
F. B. C. Scallan . . .	4 7 70	(b) 4th ditto . . .	250 0 0	Aug. 11, 1884	Ditto . . .	Offg. 3rd (b) Engraver.
E. C. Ollenbach . . .	24 1 61	(a) 7th ditto . . .	300 0 0	Aug. 1, 1879	Apl. 23, 1891	Short-drawn R25.
L. H. Musgrove . . .	7 4 64	(a) 8th ditto . . .	250 0 0	July 1, 1862	Dec. 1, 1896	Offg. 6th (a) Engraver.
A. T. Vieux . . .	20 5 71	(b) 7th ditto . . .	125 0 0	Aug. 11, 1884	Oct. 5, 1897	Offg. 6th (b) Engraver.
A. E. Cann . . .	8 8 75	(b) 8th ditto . . .	100 0 0	Feb. 1, 1891	Ditto . . .	Offg. 7th (b) Engraver.
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 K risto 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
R100 and above, as it stood on 1st July 1898—continued.*

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

HEAD-QUARTERS OFFICES, CALCUTTA—contd.

Photographic and Lithographic Office.

NORMAL ESTABLISHMENT.

Lithographic Drawing Section.

B. Fogarty . . .	19 8 69	Head Assistant	400-30-550	Mar. 30, 1897	Mar. 30, 1898	Present pay R430.
A. J. J. Rodrigues . . .	17 8 72	Head Draftsman.	100-10-200	Apr. 1, 1889	Mar. 15, 1897	Present pay R100.
Ambla Churn Mukerjee	1 1 54	Draftsman . .	120 0 0	July 10, 1878	Apr. 1, 1896	
Abdul Mujid . . .	Mar. 1845	Examiner . .	100 0 0	May 1, 1866	May 1, 1897	Short-drawn R15.

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	Apr. 10, 1895	Furlough from 17th April 1894 to 9th April 1895.
S. U. Ravenscroft . . .	21 2 69	Asst. ditte . .	75-10-125	Aug. 1, 1884	Apr. 1, 1897	Furlough for 8 months from 8th March 1898.
C. Andrews . . .	27 3 66	Machine Printer.	75-10-125	Nov. 1, 1892	July 1, 1897	Present pay R95.
Vacant . . .	. . . .	Asst. Zincographer.	75-10-125	. . . .	. . . .

Type Printing Section.

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

Vacant.	Photographer . .	145-15-330	
C. J. Meade . . .	28 4 68	Asst. ditto . .	75-15-150	Aug. 1, 1884	Oct. 1, 1897	
F. N. Murphy . . .	30 9 73	Ditto . .	50-10-100	Apr. 3, 1893	July 1, 1897	Present pay R70.

Heliogravure Section.

A. W. Turner . . .	19 10 53	Photo-En graver.	800-20-400	May 1, 1885	May 1, 1890	Furlough to Europe for 8 months, from 10th July 1896.
Vacant . . .	. . . .	Asst. ditto . .	100-10-200	. . . .	. . . .

Correspondence, Stores, and Account Section.

Kanny Lall Sen . . .	27 5 52	Store-keeper . .	100-20-200	May 26, 1873	May 1, 1898	Present pay R140.
A. B. Carville . . .	23 10 71	Head Clerk and Acctt.	100 0 0	Apr. 5, 1897	July 1, 1897	

*List of Technical and Ministerial Officers of the Survey of India Department drawing
R100 and above, as it stood on 1st July 1898—continued.*

NAMES.	Date of birth.	Designation.	Pay of Post. <i>R a. p.</i>	Date of appointment in Government service.	Date of appointment to present pay.	REMARKS.
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HEAD-QUARTERS OFFICES, CALCUTTA—conold.

Photographic and Lithographic Office—conold.

CADASTRAL ESTABLISHMENT.

Photographic Section.

H. Haward . . .	10 2 50	Head Photo. Asst.	400-20-500	Nov. 16, 1883	Nov. 16, 1892	Furlough from 26th February 1894 to 8th January 1895.
B. George . . .	5 5 46	Photographer .	145-15-330	Feb. 1, 1876	Mar. 9, 1893	
L. Lagnier . . .	1 7 50	Ditto .	150-10-200	Ditto .	Ditto.	
T. Lloyd . . .	7 11 54	Ditto .	150-10-200	July 16, 1873	Apl. 1, 1898	

Zinc-Printing Section.

F. B. Vandyke . . .	28 9 65	Zincographer .	143 to 330	Aug. 1, 1880	Aug. 1, 1897	Inclusive of house-rent R30. Present pay R260.
J. D. Mackenzie . . .	16 4 65	Ditto .	145 to 330	Oct. 1, 1880	May 1, 1898	Inclusive of house-rent R20. Present pay R170.
P. C. Michael . . .	31 8 70	Asst. ditto .	75-10-125	Sep. 1, 1884	Apl. 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 allowance R100.
T. R. Theakston . . .	26 12 68	Assistant Mathematical Instrument-maker.	350-30-500	Oct. 10, 1892	Nov. 1, 1897	Present pay R470.

CORRESPONDENCE SECTION.

W. Campagna . . .	21 9 58	Head Clerk .	150-10-200	Apl. 1, 1882	Jan. 1, 1896	Furlough to Europe for 12 months from 12th April 1892.
W. B. Tulloch . . .	1 10 69	2nd ditto .	75-5-100	Apl. 1888	Jan. 1 1898	Present pay R26.

STORE SECTION.

M. C. Belletty . . .	15 4 53	Store-keeper .	150 0 0	Apl. 15, 1878	Jan. 1, 1895	
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List of Technical and Ministerial Officers of the Survey of India Department drawing £100 and above, as it stood on 1st July 1898—concluded.

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

**TRIGONOMETRICAL BRANCH OFFICE,
DEHRA DUN.**

Computing Section.

Amba Prasad . . .	3 7 45	Computer . . .	150 0 0	July 26, 1865	Mar. 1, 1898	
Shoshi Dhooshun Shome	13 7 49	Ditto . . .	130 0 0	Apr. 15, 1872	Sep. 1, 1892	
Shiv Nath Saha . . .	30 9 50	Ditto . . .	130 0 0	Nov. 26, 1873	Sep. 1, 1892	
Umbica Churn Shome .	1 7 43	Ditto . . .	110 0 0	Feb. 8, 1867(a)	Mar. 1, 1896	(a) Date of appointment to Educational Department, Joined Computing Office, Survey of India, 10th April 1868.

Photo-zinco Section.

Vacant . . . . .	. . . . .	Zincographer	250 0 0	. . . . .	. . . . .
G. A. LeFrano . . .	27 4 67	Asst. ditto	175 0 0	Aug. 1, 1884	Mar. 1, 1897	Short-drawn R30. Ofg. Zincographer.
Mizaj Lal	31 1 50	Accountant . . .	140 0 0	Feb. 14, 1872	Mar. 1, 1896	

Correspondence Section.

J. Durbridge . . .	18 10 50	Head Clerk . . .	150-20-250	Jan. 16, 1879	Dec. 1, 1897	
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Solar Photographic Section.

B. W. Foster . . .	22 1 69	Asst. Solar Photographer.	150 0 0	Nov. 3, 1884	July 2, 1897	Sub. pro tem. Short-drawn R30.
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DRAWING OFFICE, SIMLA.

H. Bindon	3 12 48	Draftsman . . .	175 0 0	Jan. 1, 1865	May 12, 1898	Sub. pro tem. Short-drawn R30.
Jafir Khan	1 3 50	Ditto	100 0 0	Dec. 1, 1862	Nov. 1, 1893	
F. Rosario	23 3 50	Surveyor	110 0 0	May 28, 1873	Nov. 1, 1893	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
2 & 8	N.-W. P. and Oudh (Traverse.)	D.S.G. Rev.	J. S. Pemberton	Offg. D. Sup.	1st	Nov. 1, 94
			W. S. Buttress	E. A. Sup.	1st	Nov. 17, 95
			H. T. Hanby	E. A. Sup.	2nd	May 1, 98
			R. B. Smart	E. A. Sup.	3rd	Oct. 20, 96
			J. McHatton	E. A. Sup.	4th	Sep. 1, 97
			T. Shaw	E. A. Sup.	5th	Jan. 18, 98
			J. Murphy	E. A. Sup.	5th	Oct. 13, 96
			Aulad Hussein	S. A. S.	2nd	Nov. 28, 96
			O. C. Ollenbach	S. A. S.	2nd	Nov. 10, 97
			Amar Singh	S. A. S.	2nd	June 1, 98
			Jagadamba Prasad	S. A. S.	3rd	Nov. 17, 96
			C. A. O'Donel	S. A. S.	3rd	Nov. 1, 97
			C. S. Littlewood	S. A. S.	3rd	Jan. 1, 98
Recess quarters, Mussooree			Permanent Establishment Temporary ditto	:	:	:
3	Upper Burma (Cadastral.)	D.S.G. Rev.	E. J. Jackson	Sup.	1st	Nov. 3, 97
			E. G. Little	E. A. Sup.	1st	Nov. 1, 95
			J. Connor	E. A. Sup.	3rd	Feb. 1, 90
			G. C. Swiney	E. A. Sup.	5th	Jan. 1, 95
			M. Gastand	E. A. S.	6th	Nov. 15, 97
			W. J. Baker	S. A. S.	1st	Jan. 25, 98
			W. Newland	S. A. S.	2nd	Sep. 11, 93
			Himansu Kumar Roy	S. A. S.	3rd	Nov. 29, 95
			E. G. Hardinge	S. A. S.	3rd	Nov. 25, 96
			Recess quarters Maridalay			Permanent Establishment, Temporary ditto
4	Bihar (Cadastral.)	Supt., Settle- ment Sys., Bengal.	Capt. B. T. Crichton, I.S.C.	D. Sup.	1st	Oct. 31, 96
			H. Dowman	E. A. Sup.	1st	Sept. 20, 97
			A. W. Smart	E. A. Sup.	5th	Oct. 1, 94
			C. S. Kraal	E. A. Sup.	6th	Oct. 1, 96
			E. F. Berkeley	E. A. S.	6th	Nov. 1, 97
			T. W. Babouau (Jr.)	S. A. S.	1st	Dec. 9, 97
			C. S. Gasper	S. A. S.	1st	Oct. 1, 94
			Nlimoni Chatterjee	S. A. S.	2nd	Oct. 1, 95
			P. L. Causley	S. A. S.	2nd	Nov. 23, 97
			Recess quarters, Mussooree.			Permanent Establishment Temporary ditto

Department attached to Field Parties, 1st July 1898.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1898-99.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.			Rs.
27 25	17 33	52 720	1 ...	25 2	} 1,45,500	Temporarily attached to No. 4 party.
16 86	15 49	184 323	1 ...	11 12	} 2,23,530	On Medical leave for 9 months, from 16th June 1898.
10 747	12 32	33 1,152	2 ...	24 ...	} 2,22,540	

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
8	Assam (Topo. and Traverse.)	D. S. G. Rev.	Capt. C. W. H. Symonds, r.s.c.	Offg. D. Sup.	1st	Aug. 25, 97
			W. H. Penrose	E. A. Sup.	5th	June 5, 98
			F. S. Bell	S. A. S.	1st	Nov. 1, 04
			Permanent Establishment			
	Recess quarters, Shillong.		Temporary ditto			
7	Lower Burma (Cadastral.)	D. S. G. Rev.	B. G. Gilbert-Cooper	D. Sup.	1st	Nov. 27, 96
			W. C. Price	E. A. Sup.	2nd	Dec. 1, 92
			G. W. Jarbo	E. A. Sup.	4th	Nov. 1, 90
			J. S. Swiney	E. A. Sup.	5th	Oct. 1, 95
			Abinash Chunder Bose	S. A. S.	2nd	Oct. 28, 95
			Permanent Establishment			
	Recess quarters, Rangoon		Temporary ditto			
9 & 19	Madras (Topo. Forests.)	D. S. G. Rev.	Capt. H. A. D. Fraser, B.S.	Offg. D. Sup.	1st	Apr. 23, 97
			C. F. Hamer	E. A. Sup.	2nd	Nov. 1, 98
			H. Todd	E. A. Sup.	3rd	Oct. 1, 75
			R. Todd	E. A. Sup.	4th	Oct. 1, 94
			C. George	E. A. Sup.	6th	Nov. 1, 95
			W. C. G. Barkley	S. A. S.	1st	Sep. 9, 98
			J. H. S. Wilson	S. A. S.	2nd	Nov. 1, 98
			M. J. Sheehan	S. A. S.	2nd	Oct. 30, 98
			J. Donaghey	S. A. S.	2nd	Oct. 25, 98
						Permanent Establishment
	Recess quarters, Bangalore		Temporary ditto			

attached to Field Parties, 1st July 1898—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1898-99.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
					Rs.	
22	9	25	1	12	} 86,400	
4	18	289	...	...
12	7	251	1	18	} 2,04,830	
109	53	520	...	1		
19	3	84	1	21	} 1,61,050	
42	4	372	...	...

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.
10	Upper Burma (Topo.)	D. S. G. Topo.	Lt. W. M. Coldstream, R.M.	Offg. D. S.	2nd	Nov. 1, 97
			G. D. Cusson	E. A. Sup.	4th	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
			Permanent Establishment . . .			
			Temporary ditto . . .			
	Recess quarters, Bangalore.					
11	Upper Burma (Topo.)	D. S. G. Topo.	P. J. W. Doran	E. A. Sup.	4th	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
			Permanent Establishment . . .			
			Temporary ditto . . .			
	Recess quarters, Bangalore					
12	Sind (Topo.)	Supt., Trig. Sys.	C. F. Erskine	D. Sup.	1st	Oct. 9, 97
			G. G. Vander-Beek	E. A. Sup.	5th	Oct. 28, 96
			R. F. Warwick	E. A. Sup.	6th	Nov. 1, 96
			J. Smith	S. A. S.	1st	Oct. 29, 96
			Rahmatulla	S. A. S.	2nd	Nov. 22, 96
			E. C. J. Bond	S. A. S.	3rd	Dec. 17, 96
			C. J. Veale	S. A. S.	3rd	Oct. 21, 97
			Permanent Establishment . . .			
			Temporary ditto . . .			
	Recess quarters, Karachi					
14	Lushai (Topo.)	D. S. G. Topo.	J. Keating	E. A. Sup.	6th	Oct. 1, 99
			B. Waller-Senior	E. A. Sup.	6th	Oct. 1, 96
			Permanent Establishment . . .			
			Temporary ditto . . .			
	Recess quarters, Shillong.					

attached to Field Parties, 1st July 1898—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1898-99.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
					Rs.	
12	1	45	1	4	1,01,190	
3	...	163	...	...
...	...	...	...	...		In temporary charge.
19	1	34	1	4	1,21,880	
...	...	162	...	...
39	13	109	1	12	1,05,720	
8	2	460	...	5		
...	...	...	...	...		In temporary charge.
6	1	89	1	14	1,30,010	
...	...	63	...	...

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.
15	Baluchistan (Topo.)	D. S. G. Topo.	Bt. Lt.-Col. R. A. Wahab, C.I.E., R.N.	Offg. Sup.	1st	Apl. 4, 98
			Lt. F. W. Pirrie, I.S.O.	Offg. D.S.	2nd	Dec. 23, 97
			T. E. M. Claudius	E. A. Sup. (Supy.)	1st	Oct. 1, 93
			E. A. Wainright	E. A. Sup.	4th	Oct. 1, 89
			G. A. Knight	E. A. Sup.	5th	Nov. 1, 85
			G. P. Tate	E. A. Sup.	6th	Oct. 16, 85
			Yusuf Sharif, Khan Bahadur	S. A. S.	1st	Apl. 1, 89
			Hira Singh, R.N.	S. A. S.	1st	May 5, 88
			M. C. Patters	S. A. S.	2nd	Oct. 1, 97
			H. C. H. Cooper	S. A. S.	3rd	Nov. 24, 86
Ahmed Ali Khan, R.N.	S. A. S.	3rd	Dec. 21, 97			
Recess quarters, Quetta.			Permanent Establishment	ditto		
17	Bombay (Topo. Forests.)	D. S. G. Topo.	Capt. P. J. Gordon, I.S.O.	D. Sup.	1st	June 6, 88
			C. E. Tapsell	E. A. Sup.	3rd	Nov. 13, 93
			S. F. Norman	E. A. Sup.	6th	Sep. 1, 74
			C. A. Norman	E. A. Sup.	6th	Oct. 12, 74
			Recess quarters, Poona.			Permanent Establishment	ditto
18	Himalaya (Topo.)	Supdt. Trig. Sys.	L. J. Pocock	E. A. S. (Supy.)	1st	Aug. 17, 97
			C. D. Potter	E. A. Sup.	4th	Nov. 1, 97
			W. Robert	E. A. Sup.	5th	Sep. 1, 78
			G. E. Parker	E. A. Sup.	5th	Jan. 4, 88
			J. O. Greiff	S. A. S.	2nd	Oct. 19, 97
			W. M. Gorman	S. A. S.	2nd	Sep. 19, 88
			E. J. Biggie	S. A. S.	2nd	Oct. 28, 86
			C. E. C. French	S. A. S.	3rd	Nov. 14, 88
			Recess quarters, Simla.			Permanent Establishment	ditto
20	Burma (Topo. Forests.)	D. S. G. Rev.	Lt. A. H. B. Hume, R.N.	Offg. D. Sup.	2nd	Oct. 1, 97
			C. W. Wilson	E. A. Sup.	5th	May 16, 96
			A. George	E. A. Sup.	6th	Nov. 24, 97
			A. Ewing	E. A. Sup.	6th	Nov. 1, 89
			H. A. Charrier	S. A. S.	2nd	Nov. 1, 89
			Recess quarters, Bangalore.			Permanent Establishment	ditto

attached to Field Parties, 1st July 1898—continued.

SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1898-99.	REMARKS.
Surveyors, Sub-Surveyors, Field Surveyors, etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.		
23	1	162	1	6	} 1,25,940	
...	1	85	...	...
18	3	138	...	11	} 78,000	
25	...	123	...	...
...	...	...	...	...	In temporary charge.	
25	25	252	1	20	} 83,170	
...		
29	4	95	2	11	} 1,67,040	
10	4	620	...	...

Disposition List of Officers of the Survey of India Department attached to Field Parties, 1st July 1898—continued.

No. of Party.	Locale and nature of operations.	Administrative Superintendent.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.	SUBORDINATE ESTABLISHMENT.					Budget Estimate for 1898-99.	REMARKS.	
							Surveyors, Sub-Surveyors, Field Surveyors etc.	Draftsmen, Computers, Estimators, etc.	Flagmen and Carriers.	Hospital Assistants.	Burkundazes and Peons.			
21	Upper Burma (Topo.)	D. S. G. Topo.	Lt. H. J. Hare, B.E.	Offg. D. Sup.	2nd	Oct. 1, 97						Rs. 1,16,520		
			A. J. James	E. A. Sup.	3rd	Nov. 1, 98								
			J. M. Kennedy	E. A. Sup.	6th	June 28, 97								
			W. F. E. Adams	S. A. S.	1st	Oct. 21, 91								
			P. Williams	S. A. S.	3rd	Oct. 23, 97								
			P. R. Anderson	S. A. S.	3rd	Nov. 27, 96								
			Permanent Establishment					7	1	63	1	4	} 1,16,520	
			Temporary ditto					5	1	126		
22	India (Astronomical.)	Supdt., Trig. Sys.	Capt. G. P. Lenox-Conyngham, B.E.	Offg. Sup.	2nd	Mar. 16, 97						33,290	On special leave for 3 months, from 24th May 1898.	
			Lieut. G. A. Beazeley, B.E.	Offg. D. Sup.	2nd	Oct. 12, 97								
							...	1	36	...	...	
23	India (Astronomical.)	Supdt., Trig. Sys.	Capt. G. P. Lenox-Conyngham, B.E.	Offg. Sup.	2nd	Mar. 16, 97						12,830		
			Hanuman Prasad	S. A. S.	3rd	Nov. 15, 96								
							...	1	36	...	...	
24	Baluchistan (Triangulation.)	Supdt., Trig. Sys.	Lt. H. H. Turner, B.E.	Offg. D. Sup.	2nd	Aug. 2, 97						1,00,580	In temporary charge.	
			J. Hiekie	E. A. Sup.	4th	Oct. 1, 88								
			P. F. Prunty	E. A. Sup.	6th	Sep. 15, 93								
							...	5	214	1	17			
25	India (Tidal and Levelling.)	Supdt., Trig. Sys.	Lt. H. L. Crosthwait, B.E.	A. Sup.	1st	May 6, 98						96,450	In charge.	
			G. P. Belcham	E. A. Sup. (Supy.)	1st	Sep. 1, 79								
			E. J. Connor	E. A. Sup.	3rd	Dec. 1, 77								
			J. Bond	E. A. Sup.	3rd	June 1, 89								
			J. P. Barker	Offg. E. A. S.	6th	Jan. 2, 97								
							...	13	33	...	7			
De-attach-ment.	China-Burma Boundary Delimitation Commission.	S. G.	Capt. T. F. B. Renny-Tallyour, B.E.	Offg. Sup.	2nd	Nov. 3, 97						...	On probation.	
			Ikbaluddin	S. A. S.	3rd	Nov. 5, 97								
							...	8	6	67	...	...

Disposition List of Officers of the Survey of India Department temporarily transferred, 1st July 1898.

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		Offg. Sup.	1st	Forest Department.	Jan. 1, 71	
H. F. Litchfield		D. Sup.	2nd	Ditto	Oct. 16, 76	On furlough.
G. B. Scott		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	
	B. R. Hughes	S. A. S.	1st	Ditto	Oct. 15, 97	
	A. Descubes	S. A. S.	1st	Ditto	Jan. 18, 87	
	J. H. Nichol	S. A. S.	1st	Ditto	Dec. 16, 88	
	G. Litchfield	S. A. S.	2nd	Ditto	Nov. 14, 88	
	<i>*J. H. O'Donal</i>	E. A. S.	3rd	Assam	Nov. 4, 92	
	<i>*C. P. Torrens</i>	E. A. S.	5th	Burma	Oct. 1, 89	
	<i>*P. Beschey</i>	E. A. S.	6th	Ditto	June 8, 90	
	<i>*W. E. Johnson</i>	S. A. S.	1st	Ditto	Nov. 7, 95	
	<i>*J. A. T. Haddock</i>	S. A. S.	1st	Ditto	Oct. 16, 91	
	<i>*C. G. S. Wood</i>	S. A. S.	1st	Ditto	Apl. 1, 94	
	<i>*H. B. Powell</i>	S. A. S.	2nd	Ditto	Nov. 20, 95	
	<i>*J. E. Scott</i>	E. A. Sup.	4th	Central Provinces.	Dec. 8, 87	
	<i>*T. H. Dunne</i>	E. A. Sup.	4th	Egypt	Jan. 1, 97	
	L. F. Berkeley	E. A. Sup.	6th	N.-W. Provinces.	Nov. 1, 96	
	<i>*P. C. H. Smart</i>	E. A. Sup.	6th	Ditto	Oct. 15, 95	
	<i>*O. D. Smart</i>	E. A. Sup.	6th	Ditto	Nov. 12, 95	
	<i>*N. Bedford</i>	S. A. S.	1st	Ditto	Nov. 1, 94	
	<i>*W. Skilling</i>	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	
	J. H. Murphy	S. A. S.	1st	Ditto	Oct. 1, 87	
	G. Nae	S. A. S.	1st	Ditto	Oct. 1, 97	
	C. G. Lee	S. A. S.	1st	Siam . . . . .	. . . . .
	F. P. Walsh	S. A. S.	1st	Ditto . . . . .	. . . . .
	H. W. Biggle	S. A. S.	2nd	Ditto	Apl. 2, 98	
	Imam Sharif, K.B.	S. A. S.	2nd	Zanzibar	Mar. 5, 87	

* Names in italics are seconded.

Disposition List of Officers of the Survey of India Department, on Furlough, etc., 1st July 1898.

Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Govt. or Dept. to which transferred.	REMARKS.
<i>On Furlough, etc.</i>					
Col. J. E. Sandeman, I.S.C.	. . . .	D. S. G. Rev.	. .	. . . .	For 1 year and 125 days, from 1st May 1897.
Lt.-Col. St. G. C. Gore, B.E.	. . . .	Sup.	1st	. . . .	For 6 months, from 26th April 1898.
Major F. B. Longe, B.E.	. . . .	Sup.	2nd	. . . .	For 6 months from 6th May 1898.
Capt. J. M. Fleming, I.S.C.	. . . .	D. Sup.	1st	. . . .	For 1 year and 7 months, from 13th November 1897.
E. F. Litchfield	. . . .	D. Sup.	2nd	. . . .	For 9 months, from 24th June 1897. Extension for 1 year and 3 months.
Capt. J. M. Burn, B.E.	. . . .	D. Sup.	2nd	. . . .	For 2 years, from 12th April 1898.
Capt. C. H. D. Ryder, B.E.	. . . .	D. Sup.	2nd	. . . .	For 2 years, from 20th March 1897.
	T. H. Rendell	E. A. Sup.	2nd	. . . .	For 1 year, from 27th March 1898.
	R. C. D. Ewing.	E. A. Sup.	4th	. . . .	For 9 months, from 13th April 1898.
	E. G. Hardinge.	S. A. S.	3rd	. . . .	For 3 months, from 16th June 1898.

STATEMENT OF SERVICES
OF
OFFICERS IN THE SURVEY OF INDIA.
IMPERIAL SERVICE.
Corrected up to 1st July 1898.

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	Ditto ditto, Kashmir Series	1st Feb. 1860	.....	...
Punjab and Dehra Dún.	Ditto ditto, Gurhagarh Meridional Series	1st Nov. 1860	.....	...
Central India and Mussoree.	Ditto ditto, Rahun Meridional Series	1st Mar. 1862	.....	...
Ditto .	Ditto, 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.	Ditto ditto, East Calcutta Longitudinal Series	1st Feb. 1864	.....	...
<i>Privilege leave for 1 month, from 14th September 1864.</i>				
Calcutta and Mussoree.	Sub-Asst., 2nd class, Astronomical Party No. 1	1st Nov. 1864	.....	...
Central Provinces and Mussoree.	Ditto, 1st class, Astronomical Party No. 1	1st Dec. 1864	.....	...
Ditto .	Ditto, 2nd grade, Astronomical Party No. 1	1st Apl. 1866	.....	...
<i>Privilege leave for 1 month, from 1st September 1866.</i>				
Kumaon and Mussoree.	Sub-Asst., 2nd grade, Kumaon and Garhwal Party	1st Jan. 1867	.....	...
<i>Privilege leave for 22 days, from 15th September 1867.</i>				
Ditto .	Sub-Asst., 1st grade, Kumaon and Garhwal Party	1st Sept. 1868	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kumaon and Mussooree.	Asst. Surveyor, 1st grade, Kumaon and Garhwal Party	1st Sept. 1869	.....	..
Mussooree and Dehra Dun.	Ditto ditto ditto .	..	Persnl. Asst. to Supdt., Great Trigl. Survey	1st Apl. 1870.
Dehra Dún .	Surveyor, 4th grade . . .	1st Apl. 1871	Ditto ditto .	..
	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, 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, 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 ditto attached to ditto .	14th Aug. 1893	Ditto ditto .	..
Ditto .	Ditto ditto ditto .	30th Oct. 1893	.....	..
Ditto .	Ditto, ditto in charge ditto .	16th Nov. 1893	.....	..
Ditto .	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 ditto .	..	Dy. Supdt., 2nd grade	6th July 1896.
Ditto .	Ditto ditto ditto .	1st Aug. 1896	.....	..
Ditto .	Ditto ditto ditto .	..	Dy. Supdt., 2nd grade	19th Mar. 1897.
Ditto .	Ditto ditto in charge, ditto .	30th Sept. 1897	Ditto ditto .	..
Ditto .	Ditto ditto attached to ditto .	24th Dec. 1897	Ditto ditto .	..
<i>Privilege leave for 1 month and 27 days, from 3rd January 1898.</i>				
Simla .	Asst. Supdt., 1st grade, in charge, Simla Drawing Office	2nd Mar. 1898	Dy. Supdt., 2nd grade	..
Ditto .	Dy. Supdt., 2nd grade, ditto .	15th Apl. 1898	.....	..
Ditto .	Ditto ditto .	..	Dy. Supdt., 1st grade	27th May 1898.
Ditto .	Ditto ditto .	6th June 1898	.....	..
Ditto .	Ditto ditto .	..	Dy. Supdt., 1st grade	19th June 1898

Beazsley, Lieutenant George Adam, R.E.—Joined the service, 17th February 1890; arrived, 23rd March 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieut., R.E.	17th Oct. 1890	.....	...
<i>On duty at School of Military Engineering, Chatham, from 1st April 1890 to October 1893.</i>				
Cork Harbour	Posted to No. 83 (Submarine Mining) Co., R.E.	Oct. 1892	.....	...
...	.....	...	In charge Mily. Telegraphs Cork Harbour	Feb. 1893.
Cork Harbour	Lieut. R.E.	17th Feb. 1893	.....	...
Ditto	Embarked for India on being posted to the India establishment	26th Feb. 1894	.....	..
Bombay	Assistant Engineer, 2nd grade, Military Works Department	23rd Mar. 1894	.....	...
Ditto	Posted to No. 2, Section I. S.M. Co., R.E.	12th Dec. 1894	.....	...
Ditto	Officer Commanding No. 2, Section I. S. M. Co., R.E.	16th Apl. 1895	.....	...
<i>Privilege leave from 15th September 1895 to 14th October 1895.</i>				
Karachi	Officer Commanding No. 1 Section, I. S. M. Co., R.E.	1st Jan. 1896	.....	...
Ditto	Assistant Engineer, 1st grade, Military Works Department	1st Apl. 1896	.....	...
Dehra Dun	Assistant Superintendent, 2nd grade, attached to No. 22 (Astronomical) Party, Survey of India Department	12th Oct. 1897	.....	...
Mussoorie	Assistant Superintendent, 1st grade, ditto	15th Apl. 1898	.....	...
<i>Special leave for 3 months from 24th May 1898.</i>				
Dehra Dun	Asst. Supdt., 1st grade, attached to No. 22 (Astrol.) Party . . . . .	...	Dy. Supdt., 2nd grade	27th May 1898.
Ditto	Ditto ditto ditto	6th June 1898	...	...
Ditto	Ditto ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	19th June 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieut., Royal Engineers	17th Feb. 1886	.....	...
...	Posted to the Indian Establishment	23rd Feb. 1888	.....	...
Lucknow	Asst. Engr., 2nd grade, Military Works Dept.	4th Apl. 1888	.....	...
Madras	Ditto, ditto, P. W. Dept., State Rys.	8th Oct. 1889	.....	...
Baluchistan and Quetta.	Asst. Engr., 2nd grade, Zho Survey	31st Oct. 1890	.....	...
Mussoorie	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 ditto . . . . .	...	Asst. Supdt., 1st grade	1st Apl. 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 13th July 1892.</i>				
Burma . . .	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, 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; overstayed by 4 days, from 16th to 19th July 1897.</i>				
Baluchistan . .	Dy. Supdt., 2nd grade, in charge No. 24 Party (Baluchistan) . . . . .	...	Dy. Supdt., 1st grade	1st June 1897.
Ditto . . .	Ditto ditto	22nd Nov. 1897.	.....	...
Ditto . . .	Ditto ditto . . . . .	...	Dy. Supdt., 1st grade	17th Feb. 1898.
<i>Furlough for 2 years, from 12th April 1898.</i>				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers	6th Apl. 1879	.....	...
...	Joined at Chatham	2nd June 1879	.....	...
...	Asst. Secy. to Ordnance Committee for Gunnery Experiments	3rd Apl. 1881	.....	...
...	Posted to the Indian Establishment	8th Dec. 1882	.....	...
...	Attached to Bengal Sappers and Miners	10th Jan. 1883	.....	...
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	.....	...
Dehra . . .	Asst. Supdt., 2nd grade, Survey of India, Trigonometrical Branch Office	2nd Sept. 1884	Asst. Supdt., 1st grade	2nd Sept. 1884
...	Ditto ditto, No. 22 Party (Astronomical I), (Electro-Longitude Operations)	9th Oct. 1885	.....	...
...	Ditto ditto in charge ditto	24th Jan. 1886	.....	...
...	Ditto, 1st grade, ditto	10th Mar. 1886	.....	...
...	Ditto ditto ditto . . . . .	...	Dy. Supdt., 4th grade	21st Mar. 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Supdt., 1st grade, in charge Nos. 22 and 23 Party (Astronomical II)	15th Oct. 1886	Dy. Supdt., 4th grade	...
...	Ditto ditto ditto	14th May 1887	.....	...
...	Ditto ditto ditto	...	Dy. Supdt., 4th grade	15th May 1887.
...	Ditto ditto ditto	24th Oct. 1887	.....	...

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.

...	Asst. Supdt., 1st grade, doing duty in the Trigonometrical Branch Office	1st Nov. 1887	.....	...
...	Ditto ditto ditto	...	Dy. Supdt., 4th grade	4th Nov. 1887.
...	Ditto ditto ditto	12th Nov. 1887	.....	...
...	Ditto ditto ditto	...	Dy. Supdt., 4th grade	15th Feb. 1888.
...	Ditto 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 ditto and in charge No. 22 Party (Astronomical I)	17th July 1888	Ditto ditto	...

Made over charge of both parties on 1st November 1888.

...	Asst. Supdt., 1st grade, attached to Computing Party	23rd Feb. 1889	Dy. Supdt., 4th grade	...
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Promoted to Captain, 1st April 1889.

...	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, in charge Nos. 22, 23 and 24 Parties	28th June 1889	.....	...

Made over charge of No. 24 Party (Upper Burma) on 19th August 1889, and of No. 23 Party (Astronomical II) on 1st October 1889.

...	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical I)	...	Dy. Supdt., 3rd grade	27th Aug. 1890.
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Made over charge of No. 22 Party (Astronomical I) on 22nd October 1890.

Furlough to Europe on medical certificate for 1 year, from 2nd November 1890.

...	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical I)	2nd Nov. 1891	Dy. Supdt., 3rd grade	2nd Nov. 1891.
Mussoree	Ditto ditto ditto and Computing Party	4th May 1892	Ditto ditto	...

Made over charge of Computing Party on 8th August 1892.

Mussoree	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I)	18th Aug. 1892	Dy. Supdt., 1st grade	18th Aug. 1892.
Ditto	Ditto ditto ditto and No. 23 Party (Astronomical II)	5th Sept. 1893	Ditto ditto	...

Made over charge of No. 23 Party (Astronomical II) on 6th November 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussooree	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I)	13th Jan. 1894	...	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 1st grade	3rd Apl. 1894,
Ditto	Ditto ditto ditto and 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 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 1 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	...	Ditto and Supdt., Trigonometrical Surveys	18th May 1896.
Ditto	Ditto ditto ditto and No. 23 Party (Astronomical II)	28th May 1896	Ditto ditto	...
Mussoorie	Ditto ditto ditto	5th Oct. 1896	.....	...
Ditto	Ditto ditto ditto	...	Supdt., 2nd grade	13th Oct. 1896.
Peera	Ditto ditto ditto and No. 25 Party (Tidal and Levelling)	16th Dec. 1896	Ditto 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.
<i>Elected for continuous Indian Service, 7th June 1897.</i>				
<i>Promoted to Major, 31st August 1897.</i>				
<i>Privilege leave for 3 months, from 9th July to 28th September, and from 14th to 22nd October 1897.</i>				
<i>On duty in Egypt from 29th September to 13th October 1897.</i>				
Poona	Supdt., 2nd grade, in charge No. 25 Party (Tidal and Levelling)	17th Feb. 1898	.....	...
Dehra	Ditto ditto	...	Supdt., Trigonometrical Surveys	26th Apl. 1898.

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Posted to the Indian Establishment	2nd Sept. 1886	.....	...
Kirkee	Attached to Bombay Sappers and Miners	23rd Oct. 1886	.....	...
Quetta	Asst. Engineer, 2nd grade, Sind-Pishin State Ry.	20th July 1887	.....	...
Kach-Quetta Survey (Railway)	Ditto ditto	1st Sept. 1887	.....	...
Khojak	Ditto ditto	1st Dec. 1887	.....	...
<i>Privilege leave for 2 months and 14 days, from 11th February 1889.</i>				
Simla	Asst. Supdt., 2nd grade, Survey of India, attached to No. 1 Party (Punjab)	29th May 1889	.....	...
Ditto	Ditto ditto attached to No. 18 Party (Himalaya)	1st July 1889	.....	...
Ditto	Ditto ditto attached to Head-quarters Office	12th Oct. 1889	.....	...
...	Ditto ditto in charge Chin-Lushai Expedition Survey Detachment, Chittagong Column	20th Nov. 1889	.....	...
Calcutta	Ditto ditto attached to 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	Ditto, 1st grade, ditto	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 ditto	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	Ditto ditto in charge No. 9 Party (Central Provinces)	28th Oct. 1892	Ditto ditto	...
<i>Privilege leave for 3 months, from 14th June 1893.</i>				
Calcutta	Asst. 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>				
<i>Served as Survey Officer with the Chitral Relief Force, from 27th March to 9th September 1897.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Dy. Supdt., 2nd grade, attached to 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	.. ...	...
<i>Served as Survey Officer with the Mohmand Field Force, from 8th September to 7th October 1897.</i>				
<i>Ditto with the Tirah Field Force, from 8th October 1897.</i>				
<i>On special duty at Simla, from 18th April 1898</i>				
Simla	Dy. Supdt., 1st grade	...	Supdt., 2nd grade	27th May 1898.
Calcutta	Ditto ditto	...	Ditto, ditto, and Asst. Surveyor General	13th June 1898.
<p><i>War Services.</i>—Bechuanaland, 1884-85. With Sir Charles Warren as Survey Officer and served in Topographical & Intelligence Department and on Transvaal Boundary Survey. Honourably mentioned.</p> <p>Chin-Lushai Expedition, 1889-90. As Survey officer with Chittagong Column; mentioned in Despatches; Services acknowledged by Government of India. Medal and claps.</p> <p>Chitral Relief Force, 1895. As Survey Officer. Mentioned in Despatches. Brevet of Major. Medal and Claps.</p> <p>Operations against the Mohmands, 1897. As Survey Officer, with Major-General Elles' force. Mentioned in Despatches.</p> <p>Tirah Expedition, 1897-98. As Survey Officer, with Pesbawar Column and with 1st Division¹¹ Bazar Valley and Khaibar Pass.</p>				

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>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Jutogh	Attached to the Military Works Department, Bengal . . .	Nov. 1890	.....	...
...	Attached to the Bengal Sappers and Miners with the 1st Miranzai Expedition . . .	Jan. 1891	.....	...
Dugslui	Attached to the Military Works Department . . .	Mar. 1891	.....	...
...	Attached to the Bengal Sappers and Miners with the 2nd Miranzai Expedition . . .	Apr. 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, 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, 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, ditto Gujranwala Independent Executive charge . . .	28th Mar. 1894	.....	.....
...	Ditto, ditto Peshawar Provincial Division . . .	27th Apl. 1894	.....	.....
...	Ditto 2nd grade, ditto . . .	2nd May 1894	.....	.....
<i>Privilege leave for 1 month and 4 days, from 3rd October 1894.</i>				
...	Asst. Supdt., 2nd grade, Survey of India, attached to No. 15 Party (Baluchistan) . . .	25th Nov. 1894	.....	...
<i>On special duty as Survey Officer with the Khaibar-Asmar Delimitation Commission under the political charge of Mr. Udny, C.S., 25th November 1894.</i>				
...	Asst. Supdt., 2nd grade, attached to No. 18 Party (Himalaya) . . .	1st July 1895	.....	...
Bangalore	Ditto ditto attached to No. 11 Party (Upper Burma) . . .	6th Nov. 1895	.....	...
Ditto	Ditto ditto ditto . . .	...	Asst. Supdt., 1st grade	25th Nov. 1895.
Ditto	Ditto, 1st grade, ditto . . .	23rd Jan. 1896	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 1 month and 25 days, from 26th August to 20th October 1896.</i>				
<i>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.
<i>Privilege leave for 7 days, from 26th July 1897.</i>				
Bangalore	Asst. Supdt., 1st grade, attached to No. 10 Party (Upper Burma)	1st Nov. 1897	Dy. Supdt., 2nd grade	...
Ditto	Ditto ditto in charge ditto	10th Nov. 1897	Ditto ditto	...
<i>Privilege leave for 15 days, from 1st June 1898, extension for 1 month and 12 days.</i>				
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 Cooli 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 ditto	...	Asst. Supdt., 1st grade	16th Dec. 1890.
Ditto	Asst. Supdt., 1st grade, ditto	19th Feb. 1891	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 4th grade	7th Mny 1891.
Ditto	Ditto ditto ditto	...	Ditto, and in temporary charge of No. 5 Party	30th June 1891.
<i>Privilege leave for 1 month and 1 day, from 1st October 1891.</i>				
Naini Tal	Asst. Supdt., 1st grade, attached to No. 8 Party (Orissa)	4th Nov. 1891	.....	...
Cuttack	Ditto ditto in charge No. 8 Party (Orissa)	11th Nov. 1891	.....	...
Ditto	Ditto ditto attached to ditto	28th Nov. 1891	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 4th grade	8th Dec. 1891.
Ditto	Ditto ditto ditto	23rd Dec. 1891	.....	...
Ditto	Ditto, ditto in charge ditto	12th Jan. 1892	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 4th grade	1st Apl. 1892.
Ditto	Ditto ditto ditto	...	Ditto, 2nd grade	18th Aug. 1892.
Ditto	Ditto ditto ditto	19th Jun. 1893	.....	...
<i>Furlough for 5 months and 28 days, from 3rd May 1893.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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., 2nd grade, Supdt. of Settlement Surveys in Bengal, and in charge No. 4 Party (Bihar)	31st Oct. 1896	Dy. Supdt., 1st grade	...
Ditto . .	Ditto, 1st grade, ditto . .	10th June 1897	.....	...

Crosthwait, Lieutenant Herbert Leland, R.E.—Joined the service, 29th March 1890; arrived 21st October 1892.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Licut., Royal Engineers .	29th Mar. 1890	.....	...
<i>On duty at the Royal Engineering Establishment, Chatham, till 28th September 1891, and employed as temporary Assistant Instructor from September 1891 to September 1892.</i>				
Murree . .	Attached to Military Works Department	1st Nov. 1892	.....	...
Bawal Pindi	Defence Works	2nd Jan. 1893	... ..	...
Roorkee . .	2nd Asst. Principal, Thomason College	28th April 1893	.....	...
Ditto . .	Ditto ditto . . . . .	...	1st Asst. Principal, Thomson College . .	1st April 1895.
Ditto . .	Ditto ditto	1st Nov 1895	.....	...
<i>Leave on medical certificate for 1 year, from 21st November 1896.</i>				
Poona . .	Asst. Supdt., 2nd grade, Survey of India, attached to 25 Party (Tidal and Levelling.)	22nd Nov. 1897	.....	...
Dehra Dun .	Ditto ditto, attached to the Trigonometrical Branch office	20th April 1898	.....	...
Poona . .	Ditto, ditto, in charge No. 25 Party (Tidal and Levelling)	6th May 1898	.....	...
Ditto . .	Ditto, 1st grade, ditto . .	27th May 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Appointed by Her Majesty's Secretary of State for India.</i>				
Calcutta	Asst. Supdt., 2nd grade, Survey of India, Head-quarters Office	30th May 1885	.....	..
Dehra Dún	Ditto ditto attached to Computing Party	26th July 1885	.....	..
Ditto	Ditto ditto in charge ditto	23rd Sept. 1885	.....	..
Ditto	Ditto ditto, attached to ditto	23rd Dec. 1885	.....	..
Ditto	Ditto ditto ditto	...	Asst. Supdt., 1st grade	30th May 1886
Ditto	Ditto ditto ditto	...	Dy. Supdt., 4th grade,	20th Nov. 1886
Ditto	Ditto ditto ditto	...	Asst. Supdt., 1st grade,	23rd Nov. 1886
Poona	Ditto ditto, attached to No. 25 Party (Tidal and Levelling)	1st Nov. 1887	Ditto ditto	..
Ditto	Ditto, 1st grade, ditto	11th Apl. 1888	.....	..
Ditto	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 ditto	7th Jan. 1889	.....	..
Ditto	Ditto ditto ditto	...	Dy. Supdt., 4th grade	28th Feb. 1889
Ditto	Ditto ditto, attached to Nos. 22 and 23 Parties (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 ditto, attached to Computing Party	29th Jan. 1891	.....	..
Ditto	Ditto ditto in charge Computing Party	2nd Apl. 1891	.....	..
Ditto	Ditto ditto ditto	...	Dy. Supdt., 3rd grade	7th May 1891
Ditto	Ditto ditto ditto	4th Nov. 1891	.....	..
Ditto	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 ditto, in charge Computing Party	8th Aug. 1892	Ditto ditto	..
Ditto	Ditto, 2nd grade, ditto	18th Aug. 1892	Ditto, 1st grade	18th Aug. 1892
Ditto	Ditto ditto ditto	19th Jan. 1893	.....	..
Ditto	Ditto ditto ditto	...	Dy. Supdt., 1st grade	24th Sept. 1893
Ditto	Ditto ditto ditto	1st Nov. 1893	.....	..
Ditto	Ditto ditto ditto	...	Dy. Supdt., 1st grade	3rd July 1894
Ditto	Ditto ditto ditto	3rd Nov. 1894	.....	..
Ditto	Ditto ditto ditto	...	Dy. Supdt., 1st grade	20th Mar. 1895

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Dy. Supdt., 2nd grade, in charge Trigonometrical Branch Office	5th Nov. 1895	Dy. Supdt., 1st grade	...
Ditto .	Ditto ditto, in charge Computing Party	5th Dec. 1895	Ditto ditto	...
Ditto .	Ditto, 1st grade, in charge ditto	12th Dec. 1895	.....	...
Ditto .	Ditto ditto . . . . .	...	In temporary charge Trigonometrical Branch Office	27th Mar. 1896.
Ditto .	Ditto ditto . . . . .	...	Ditto ditto and in temporary charge No. 22 Party (Astronomical)	15th Apl. 1896.

Made over charge of No. 22 Party (Astronomical) on 16th May 1896, and of the Trigonometrical Branch Office on 18th May 1896.

Privilege leave for 2 months, from 1st September 1896.

Dehra Dún .	Dy. Supdt., 1st grade, in charge Computing Party	In temporary charge Nos. 22 and 23 Par- ties (Astronomical)	1st Feb. 1897.
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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.

Furlough for 8 months, from 20th March 1897. Extension for 3 days.

Dehra Dún .	Dy. Supdt., 1st grade, in charge Computing Party	22nd Nov. 1897	.....	...
Ditto .	Ditto ditto . . . . .	...	Supdt., 2nd grade	17th Feb. 1898.
Ditto .	Supdt., 2nd grade, ditto	27th May 1898	.....	...

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 . .	Ditto ditto, Poona and Nnsik Survey, Bombay Revenue Survey	10th Oct. 1884	.....	...
Ditto . . .	Ditto, 3rd grade, ditto.	22nd July 1887	.....	...
Ditto . . .	Ditto, 2nd grade, ditto.	22nd July 1890	.....	...

Relinquished charge of his duties in the Bombay Revenue Survey on the 16th February 1891 (afternoon).

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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>				
...	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 ditto, in charge No. 14 Party (Central Provinces)	12th May 1896	.....	...
Ditto	Ditto ditto ditto . . .	...	Dy. Supdt., 1st grade	2nd May 1897.
Karachi	Ditto ditto in charge No. 12 Party (Sind) . . .	9th Oct. 1897	Ditto ditto . . .	...
Ditto	Dy. Supdt., 1st grade, ditto . . .	27th May 1898	.....	...

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 Pungal Staff Corps . . .	8th Feb. 1884	.....	...
...	Adjt., 4th Bengal Infantry . . .	15th Apl. 1885	.....	...
...	Ditto ditto . . .	...	Asst. Supdt., 2nd grade, Survey of India (<i>sub. pro tem.</i>)	3rd July 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Supdt., 2nd grade (on probation)	22nd Oct. 1885	.....	...
Mussooree	Ditto ditto attached to No. 18 Party (Himalaya)	21st Sept. 1886	.....	...
...	Ditto ditto (confirmed)	14th May 1887	Asst. Supdt., 1st grade	14th May 1887.
...	Ditto, 1st grade, attached to No. 18 Party (Himalaya)	17th July 1888	.....	...
...	Ditto ditto ditto	...	Dy. Supdt., 4th grade	1st Sept. 1888.
...	Ditto ditto ditto	23rd Oct. 1888	.....	...
...	Ditto ditto ditto	...	Dy. Supdt., 4th grade	1st Nov. 1888.
Nagpore	Ditto ditto, attached to No. 3 Party	13th Nov. 1888	Ditto ditto	...
...	Ditto ditto ditto	23rd Dec. 1888	.....	...
...	Ditto ditto ditto	...	Dy. Supdt., 4th grade	20th Feb. 1889.
...	Ditto ditto, attached to No. 21 Party (Upper Burma)	1st Oct. 1889	.....	...
...	Ditto ditto, in charge No. 11 Party (Upper Burma II)	4th Nov. 1889	.....	...
<i>Furlough on medical certificate for 2 years, from 9th January 1890.</i>				
<i>Promoted to Captain, 13th August 1890.</i>				
...	Dy. Supdt., 4th grade	19th Feb. 1891	.....	...
Calcutta	Ditto ditto, attached to Head-quarters Office	9th Jan. 1892	.....	...
Simla	Ditto ditto, attached to No. 18 Party (Himalaya)	14th Mar. 1892	.....	...
Ditto	Ditto ditto in charge ditto	26th Mar. 1892	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 3rd grade	15th Apl. 1892.
Ditto	Ditto ditto attached to No. 20 Party (Burma)	2nd Aug. 1892	Ditto 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 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.
<i>Privilege leave for 3 months, from 26th June 1895.</i>				
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.
<i>Privilege leave for 1 month and 23 days, from 1st June 1897.</i>				
<i>Furlough for 1 year and 7 months, from 13th November 1897.</i>				
<p><i>War Services.</i>—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.</p>				

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 1888.</i>				
...	Posted to Indian Establishment	Feb. 1889	.....	...
Bangalore	Attached to "Queen's Own" Sappers and Miners	Mar. 1889	.....	...
<i>Leave to England on medical certificate, from November 1889 to April 1890.</i>				
Yeu, Upper Burma	Asst. Engr., 2nd grade, P. W. Dept.	June 1890	.....	...
<i>Served with Wuntho Field Force as Field Engineer, from 15th February to 30th April 1891.</i>				
Mandalay	Attached to Office of Superin- tending Engineer, P. W. Dept.	1st May 1891	.....	...
<i>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., 1st grade, (sub. <i>pro tem.</i>), attached to No. 10 Party (Bombay)	8th May 1894	.....	...
Ditto	Ditto ditto in charge ditto	16th May 1894	.....	...
Ditto	Ditto, 2nd grade, ditto	24th June 1894	Asst. Supdt., 1st grade	24th June 1894.
Ditto	Ditto, 1st grade, ditto	10th Aug. 1894	.....	...
<i>Privilege leave for 1 month and 21 days, from 5th May 1895; overstayed it by one day.</i>				
Poona	Asst. Supdt., 1st grade, attached to No. 10 Party (Bombay)	...	Dy. Supdt., 2nd grade	9th July 1895.
Burma	Ditto ditto attached to No. 24 Party (Upper Burma)	21st Aug. 1895	Ditto ditto	...
<i>Special leave for 19 days, from 30th September to 18th October 1895.</i>				
Burma	Asst. Supdt., 1st grade, attached to No. 24 Party (Upper Burma)	28th Oct. 1895	Dy. Supdt., 2nd grade	28th Oct. 1895.
Ditto	Ditto ditto	3rd Nov. 1895	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	25th Dec. 1895.
<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 ditto in charge No. 19 Party (Madras)	23rd Apl. 1897	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	24th June 1897.
Ditto	Ditto ditto, in charge Nos. 9 and 19 Parties (Madras)	22nd July 1897	Ditto ditto	...
Ditto	Ditto ditto	26th Oct. 1897	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 1st grade	5th Nov. 1897.
Ditto	Ditto ditto	10th Nov. 1897	.....	...
<i>Privilege leave for 3 months, from 8th April 1898.</i>				
Bangalore	Dy. Supdt., 2nd grade, in charge Nos. 9 and 19 Parties (Madras)	...	Dy. Supdt., 1st grade	12th Apl. 1898.

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

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

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

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

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

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 Nasik and Southern Maratha Country Survey . . .	27th June 1888	.....	..
<i>Privilege leave for 2 months and 28 days, from 21st September 1888.</i>				
<i>Relinquished charge of his duties in the Bombay Revenue Survey Department on the 18th February 1891 (afternoon).</i>				
Calcutta . . .	Asst. Supdt., 2nd grade, Survey of India attached to Head-Quarters Office . . .	19th Feb. 1891	.....	..
Ditto . . .	Ditto ditto . . .	...	Asst. Supdt., 1st grade	3rd Mar. 1891.
Mandalay . . .	Ditto ditto, attached to No. 3 Party (Mandalay) . . .	12th Mar. 1891	Ditto ditto . . .	..
Ditto . . .	Ditto ditto in charge No. 3 Party (Mandalay) . . .	11th June 1891	Ditto ditto . . .	..
Ditto . . .	Ditto ditto . . .	...	Dy. Supdt., 4th grade	22nd July 1891.
Ditto . . .	Ditto ditto . . .	...	Asst. Supdt., 1st grade	16th Oct. 1891.
Ditto . . .	Ditto ditto, attached to No. 3 Party (Mandalay) . . .	23rd Dec. 1891	Ditto ditto . . .	..
Ditto . . .	Ditto 1st grade (sub. pro tem.) ditto . . .	5th Apl. 1892 .	.....	..
<i>Medical leave to Europe for 15 months, from 19th May 1892. Extension for 7 months and 16 days; further extension for 2 months and 26 days without pay.</i>				
... . .	Asst. Supdt., 1st grade (confirmed) . . .	1st July 1892	.....	..
Calcutta . . .	Ditto ditto attached to Head-Quarters Office . . .	30th June 1894	.....	..
Mandalay . . .	Ditto ditto in charge No. 12 Party (Magwè) . . .	7th Dec. 1894	.....	..
Ditto . . .	Ditto ditto ditto . . .	...	Dy. Supdt., 2nd grade	6th Apl. 1896
Rangoon . . .	Ditto ditto attached to No. 7 Party (Lower Burma) . . .	27th Nov. 1895	Ditto ditto . . .	..
Ditto . . .	Ditto ditto in charge ditto . . .	11th Dec. 1895	Ditto ditto . . .	..
Ditto . . .	Dy. Supdt., 2nd grade, ditto . . .	25th Dec. 1895	.....	..
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.
<i>Privilege leave for 3 months and 11 days, from 5th September 1897.</i>				
Rangoon . . .	Dy. Supdt., 1st grade, in charge No. 7 Party (Lower Burma) . . .	15th Apl. 1898	.....	..

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	Ast. Supdt., 2nd grade (on probation), Survey of India, attached to Head-Quarters Office . . .	10th Nov. 1890	.....	...
...	Ditto, ditto No. 21 Party (Upper Burma I) . . .	21st Nov. 1890	.....	...
...	Ditto ditto (confirmed) . . .	5th Aug. 1891	.....	...
...	Ditto 1st grade (sub. <i>pro tem.</i>) ditto . . .	5th Aug. 1891	.....	...
...	Ditto ditto ditto (confirmed). . .	13th Oct. 1891	.....	...
<i>Promoted to Captain, 22nd January 1892.</i>				
...	Ast. 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 1 year, from 5th November 1892.</i>				
...	Ast. 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	.....	...
Baugalore	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>				
...	Dy. Supdt., 1st grade (on furlough) . . .	17th Feb. 1898	.....	...
Poona	Ditto ditto, in charge No. 17 Party (Bombay Forests) . . .	6th June 1898	.....	...

War Services.—Hazara Campaign, 1888—Medal and clasp; Wuntho Expedition, 1891; clasp.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	8th Jan. 1870	.....	...
<i>On duty at the Royal Engineering Establishment, Chatham, from February 1870 to July 1871.</i>				
...	Posted to the Indian Estab- lishment	16th Aug. 1872	.....	...
...	Asst. Supdt., 2nd grade, Great Trigonometrical Survey .	25th Mar. 1873	.....	...
Dohra Dún .	Ditto ditto, Great Trigonometrical Survey .	11th Apl. 1873	.....	...
Ditto .	Ditto ditto, Kumaon and Garhwal Survey Party . .	1st Aug. 1873	.....	...
<i>Privilege leave for 14 days, from 1st October 1873.</i>				
Dehra Dún .	Asst. Supdt., 2nd grade, Kumaon and Garhwal Survey Party . . . . .	...	Asst. Supdt., 1st grade	2nd Nov. 1873.
Ditto .	Ditto, 3rd grade, ditto . .	1st Apl. 1874	Ditto 2nd grade	1st Apl. 1874.
Ditto .	Ditto ditto	28th Oct. 1874	.....	...
Ditto .	Ditto ditto . . . . .	...	Asst. Supdt., 2nd grade	4th Jan. 1875.
Bhopal .	Ditto ditto, Bhopal and Malwa Topographical Survey	15th Oct. 1875	Ditto ditto .	...
<i>Privilege leave for 21 days, from 17th September 1877.</i>				
Gujrat .	Asst. Supdt., 3rd grade, Gujrat Party, Great Trigonometrical Survey	5th Jan. 1878	Asst. Supdt., 2nd grade	...
<i>Privilege leave for 2 months, from 26th May 1878.</i>				
Gujrat .	Asst. Supdt., 3rd grade, in charge Gujrat Party, Great Trigonometrical Survey . .	2nd Sept. 1878	Asst. Supdt., 2nd grade	...
Ditto .	Ditto, 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 18th May 1880.</i>				
...	Asst. Supdt., 3rd grade . . .	26th Apl. 1879	.....	...
...	Ditto ditto . . . . .	...	Asst. Supdt., 2nd grade	...
<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>				
Simla ...	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 ditto, attached to Trigonometrical Branch Office . . .	15th Apl. 1894	.....	...
Ditto .	Ditto ditto and Supdt., Trigonometrical Surveys .	1st May 1894	.....	...
Ditto .	Ditto ditto ditto . . .	...	Supdt., 2nd grade .	3rd July 1894.
Ditto .	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 ditto	...	Supdt., 1st grade . . .	9th May 1897.
<i>Privilege leave for 1 month, from 20th September 1897.</i>				
Dehra . . .	Supdt., 1st grade, and Supdt., Trigonometrical Surveys . . .	15th Apl. 1898	.....	...
<i>Special leave for 6 months, from 26th April 1898.</i>				

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's Column in its marches from Kandabar 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, Chatham, March 1888 to February 1890.</i>				
Amballa . . .	Attached to the Mily. Works Dept.	Apl. 1890	.....	...
...	Ast. Engr., 2nd grade, P. W. D., Railway	Oct. 1890	.....	...
Punjab . . .	Ditto ditto, Frontier Railway Surveys	Oct. 1890	.....	...
Meanwalli . . .	Ditto ditto, Meanwalli- Mari Railway construction	July 1891	.....	...
Punjab . . .	Ditto ditto, Mari-Attock Railway Survey	Jan. 1892	.....	...
...	Ditto ditto ditto construction	Sept. 1892	.....	...
Sohawa . . .	Ditto ditto, N.W. Railway Improvement works	May 1893	.....	...
...	Ast. Engr., 1st grade (new 2nd grade, P. W. D.)	June 1893	.....	...
Lucknow . . .	Ditto ditto, Oudh and Rohilkhund Railway	Oct. 1893	.....	...
...	Ditto ditto, attached to No. 2 Compy., Bengal Sappers and Miners	Jan. 1895	.....	...
...	Ast. Engr., new 1st grade, P. W. D.	Apl. 1895	.....	...
<i>Leave out of India (m.c.), 15th October 1895 to 30th December 1896.</i>				

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 ditto, in charge ditto	13th May 1897	.....	...
Ditto	Ditto, 1st grade, ditto	10th June 1897	.....	...
Ditto	Ditto, ditto in charge No. 21 Party (Upper Burma)	1st Oct. 1897	.....	...
Ditto	Ditto ditto ditto .	...	Dy. Supdt., 2nd grade	12th Apl. 1898.

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	.....	...
<i>Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873.</i>				
Buxa, Bhutan	Station Staff Officer . . .	16th Mar. 1873	.....	...
<i>Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April to 27th June 1873.</i>				
<i>General leave for 4 months and 6 days, from 12th July 1873.</i>				
Buxa, Bhutan	Station Staff Officer . . .	18th Nov. 1873	.....	...
Central India	Asst. Supdt., 3rd grade (on probn.), Topl. Survey . . .	11th Sept. 1874	.....	...
...	Ditto ditto ditto . . .	7th July 1875	.....	...
...	Ditto 3rd grade . . .	...	Asst. Supdt., 2nd grade	1st Jan. 1878.
...	Ditto ditto . . .	11th Jan. 1878	.....	...
...	Ditto ditto . . .	...	Asst. Supdt., 2nd grade	1st Feb. 1878.
...	Ditto ditto . . .	6th Feb. 1878	.....	...
...	Ditto ditto . . .	...	Asst. Supdt., 2nd grade	15th Feb. 1878.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 27th July 1894.</i>				
<i>Promoted to Lieutenant-Colonel, 13th January 1895.</i>				
Poona	Dy. Supdt., 1st grade, in charge No. 17 Party (Bombay Forests)	27th Oct. 1894	.....	...
Ditto	Ditto ditto	...	Supdt., 2nd grade	26th Mar. 1895.
Ditto	Supdt., 2nd grade, ditto	25th Dec. 1895	.....	...
<i>Furlough on private affairs, from 26th January 1896 to 14th January 1897.</i>				
Calcutta	Supdt., 2nd grade, attached to Head-Quarters Office	18th Jan. 1897	.....	...
Ditto	Ditto ditto and Asst. Surveyor General	4th Feb. 1897	.....	...
Ditto	Ditto ditto ditto	...	Dy. Surveyor General, in charge Revenue Branch	19th Apl. 1897.
Ditto	Ditto ditto	10th Nov. 1897	.....	...
Ditto	Ditto ditto	...	Supdt., 1st grade	17th Feb. 1898.
Ditto	Ditto 1st grade, ditto ditto.	27th May 1898	Dy. Surveyor General, in charge Revenue Branch	27th May 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Buttevant, Cork, Ireland.	2nd Lieut., 2nd Battn., H. M.'s 22nd Cheshire Regt.	1st May 1878	.....	...
<i>Attached to the Regimental Depot at Buttevant, County Cork, Ireland, till 26th September 1878.</i>				
Allahabad	2nd Lieut.	21st Oct. 1878	.....	...
Ditto	Lieut.	13th Nov. 1878	.....	...
Afghanistan	Apptd. on probation to the Bengal Staff Corps	3rd Aug. 1880	Wing Officer, 4th Goorkha Regt.	3rd Aug. 1880.

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	Ditto . . . . .	...
Almora	Ditto and Wing Officer, 3rd Goorkhas	27th Feb. 1883	.....	...
Gujrat	Asst. Supdt., 2nd grade, Survey of India (on probn.), attached to Gujrat Party	12th Sept. 1883	.....	...
Ditto	Asst. Supdt., 2nd grade, 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 ditto, attached to Head-Quarters Office	1st Nov. 1890	Dy. Supdt., 3rd grade	1st Nov. 1890.
Hazaribagh	Ditto 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, ditto in charge Nos. 4 and 5 Parties (Bihar)	1st Nov. 1892	Ditto ditto . . . . .	...
<i>Privilege leave for 2 months and 2 days, from 3rd July 1893.</i>				
...	Dy. Supdt., 2nd grade, in charge Nos. 4 and 5 Parties (Bihar)	5th Sept. 1893	Dy. Supdt., 1st grade	...
Bihar	Ditto ditto ditto, and in charge Nos. 2 and 8 Parties (Bihar)	1st Oct. 1893	Ditto ditto . . . . .	...
<i>Made over charge of Nos. 2 and 8 Parties (Bihar) on 4th November 1893.</i>				
Bihar	Dy. Supdt., 1st grade, in charge Nos. 4 and 5 Parties (Bihar)	28th Apl. 1894	.....	...
<i>Privilege leave for 28 days, from 4th September 1894.</i>				
Calcutta	Dy. Supdt., 1st grade, attached to Head-Quarters Office	22nd June 1895	.....	...
Ditto	Ditto ditto ditto . . . . .	...	Supdt., 2nd grade	16th Sept. 1895.
Ditto	Ditto ditto ditto	6th Oct. 1895	.....	...
Karachi	Ditto ditto in charge Indus Riverain Detachment	1st Nov. 1895	.....	...
Ditto	Ditto ditto in charge No. 12 Party (Sind)	18th Nov. 1895	.....	...
Ditto	Ditto ditto	Supdt., 2nd grade	25th Jan. 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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Privilege leave for 60 days, from 24th June 1896.

Karachi	Supdt., 2nd grade, in charge No. 12 Party (Sind)	10th June 1897
Lushai	Ditto ditto in charge No. 14 Party (Lushai)	8th Oct. 1897	.....	...

Promoted to Major, 1st May 1898.

Subsidiary leave, from 19th June 1898, preparatory to going on furlough.

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

Hume, Lieutenant Arthur Henry Bliss, R.E.—Joined the service, 17th February 1888; arrived, 23rd March 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieutenant, R. E.	17th Feb. 1888	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from 17th February 1888 to 31st March 1890.</i>				
Chatham	Posted to Balloon Section, R. E.	1st Apl. 1890	.....	...
Aldershot	With Balloon Section, R. E.	June 1890	.....	...
Lyld	Do. Artillery and Balloon experiments	Sept. 1890	.....	...
Chatham	Ditto	Nov. 1890	Asst. Instructor in construction	Dec. 1890.
Aldershot	Ditto	May 1891	.....	...
...	Posted to the Indian Establishment	23rd Feb. 1894	.....	...
Jhansi	Attached to Military Works Department, Jhansi Division	23rd Mar. 1894	.....	...
Lansdowne	Attached to Military Works Department, Bareilly Division	15th May 1894	.....	...
Ditto	Ditto ditto	...	Asst. Engr., 2nd grade	27th Mar. 1895.
Ditto	Ditto ditto	14th Nov. 1895	.....	...
Ditto	Ditto ditto	...	Asst. Engr., 2nd grade	5th Mar. 1896.
Ditto	Asst. Engineer, 1st grade	Nov. 1896	.....	...
Ditto	Ditto ditto	...	Ex. Engr., 4th grade	Dec. 1896.
Bangalore	Asst. Supdt., 2nd grade, Survey of India, attached to No. 19 Party (Madras Forest)	24th Jan. 1897	.....	...
Ditto	Ditto ditto in charge ditto	18th Mar. 1897	.....	...
Ditto	Ditto ditto, attached to ditto	23rd Apl. 1897	.....	...
Ditto	Ditto ditto in charge No. 20 Party (Burma)	1st Oct. 1897	.....	...
Ditto	Ditto, 1st grade, ditto	19th Dec. 1897	.....	...
Ditto	Ditto ditto	...	Dy. Supdt., 2nd grade	26th April 1898.

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 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, 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, Hantlawaddy District, British Burma	19th 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 1884
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 .	Ditto ditto in charge	...	.....	...
	No. 12 Party, Lower Burma,	Nov. 1889	.....	...
	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.
<i>Privilege leave for 2 months and 18 days, from 22nd July 1897.</i>				
Upper Burma	Supdt., 2nd grade in charge	...	.....	...
	No. 3 Party (Upper Burma)	3rd Nov. 1897	Supdt., 1st grade . . .	...
Ditto .	Supdt. 1st grade. ditto . . .	17th Feb. 189	.....	...

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	Apr. 1888.
Umballa .	Ditto . . . . .	...	Ditto, Sirhind and Lahore Command, Umballa Division	15th May 1888.

Employed with Chor Survey Party until 25th June 1889.

Mussooree .	Asst. Supdt., 2nd grade, Survey of India, attached to 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 ditto	5th Dec. 1890	.....	...
Ditto .	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	14th Mar. 1891.

Made over charge of No. 22 Party (Astrol. I), 2nd November 1891.

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.

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	.....	...

Privilege leave for 69 days, from 11th July 1894.

Europe and Asia Electro-Telegraph Longitude operations in England, Germany, and Persia connecting Greenwich and Madras, November 1894 to April 1896.

Promoted to Captain, 17th December 1894.

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.

Furlough to Europe, on private affairs, from 30th May 1896, to 11th March 1897.

...	Dy. Supdt., 1st grade (on furlough)	4th Feb. 1897	.....	...
Debra Dún .	Ditto 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.
Ditto .	Ditto ditto ditto . . . . .	...	Supdt., Trigonometrical Surveys	20th Sept. 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Dy. Supdt., 1st grade in charge Nos. 22 and 23 Parties (Astronomical)	20th Oct. 1897	.....	...
Ditto .	Ditto ditto .	...	Supdt., 2nd grade .	19th June 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Asst. Surveyor, 4th grade (on probation); 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>Ditto 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.
...	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.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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. 1888.
...	Ditto ditto .	6th July 1888	.....	...
...	Ditto ditto .	...	Dy. Conservator of Forests, 4th grade .	16th Aug. 1888.
...	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	Asst. Supdt., 1st grade .	24th Oct. 1890.
...	Ditto, 1st grade .	31st Mar. 1891	.....	...
...	Ditto ditto .	...	Dy. Supdt., 4th grade	9th June 1891.
<i>Privilege leave for 3 months, from 1st July 1891.</i>				
Dehra Dún .	Asst. Supdt., 1st grade .	2nd Nov. 1891	.....	...
Ditto .	Ditto ditto .	...	Dy. Supdt., 2nd grade	24th Sept. 1893.
Ditto .	Ditto ditto .	1st Nov. 1893	.....	...
Ditto .	Ditto ditto .	...	Dy. Supdt., 2nd grade	8th May 1894.
Ditto .	Ditto ditto .	30th Nov. 1894	.....	...
Ditto .	Ditto ditto .	...	Dy. Supdt., 2nd grade	20th Mar. 1895.
<i>Privilege leave for 3 months, from 27th June 1895.</i>				
Debra 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, extension for 1 year and 3 months.</i>				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	2nd Feb. 1876	.....	...
...	Appointed to the Indian Establishment	1st Nov. 1878	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from February 1876 to July 1875.</i>				
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 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 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.
...	Ditto ditto	23rd Oct. 1888	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	1st Nov. 1888.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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	No. 21 Party	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>				
...	Dy. Supdt., 1st grade	18th Aug. 1892	.....	...
Calcutta	Ditto ditto attached to Head-quarters Office	19th Jan. 1893	.....	...
Mandalay	Ditto, ditto in charge	3rd Feb. 1893	.....	...
Ditto	No. 21 Party (Upper Burma)	12th Sept. 1893	.....	...
Ditto	Ditto ditto in charge ditto and No. 11 Party (Upper Burma)			
<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. 1896.
<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	16th Apl. 1896	.....	...
Ditto	No. 21 Party (Upper Burma)	15th Nov. 1896	.....	...
Ditto	Ditto ditto in charge ditto and No. 10 Party (Upper Burma) . . . . .	...	Asst. Surveyor General	30th Apl. 1897.
Calcutta	Supdt., 2nd grade	11th Nov. 1897	.....	...
Ditto	Ditto, attached to Head-quarters Office			
<i>Served as Survey Officer with the Burma-China Boundary Delimitation Commission, 11th November 1897.</i>				
...	Supdt., 2nd grade . . . . .	...	Supdt., 1st grade	26th Apl. 1898.
<i>Special leave for 6 months, from 6th May 1898.</i>				

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 Churasia, 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.

Mears, Lieutenant, Arthur, I.S.C.—Joined the service, 30th January 1889; arrived, 2nd January 1890.

Station.	Substantive Appointment	Date.	Officiating Appointment	Date.
...	2nd Lieutenant, 1st Battalion, Royal Lancaster Regiment .	30th Jan. 1889	.....	...
...	Ditto, 2nd Battalion, ditto ditto .	7th Dec. 1889	.....	...
...	Appointed to the Staff Corps .	3rd May 1890	.....	...
...	Attached to IV Madras Pioneers	3rd May 1890	.....	...
...	Wing Officer, ditto	6th July 1892	.....	...
...	Ditto 2nd M. I.	28th July 1893	.....	...

Furlough on private affairs from 6th October 1894 to 22nd November 1895.

On duty in Russia to study the Russian Language from 23rd November 1895 to 13th October 1896; extension 20th December 1896 to 31st January 1897.

...	Wing Officer, 2nd M. I. . . . .	...	Adjutant, 2nd M. I.	1st Mar. 1897.
...	Ditto ditto	18th Nov. 1897	.....	...
Bangalore .	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Nos. 9 and 19 Parties (Madras)	21st Nov. 1897	.....	...
Ditto .	Ditto ditto, attached to the Trigonometrical Branch Office	13th Apl. 1898	.....	...

War Services.—Commanded a detachment of the IV Pioneers on Field Service, Chin Hills, with Newengal Column under Captain Rose, 3rd Goorkhas—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	.....	...

Privilege leave for 8 days, from 23rd to 30th June 1866.

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	.....	...
Ditto .	Asst. Surveyor, 1st grade, 2nd Division, Central Provinces	1st Apl. 1869	.....	...

Privilege leave for 15 days, from 5th to 19th June 1869; overstayed it by 5 days.

C. Provinces .	Asst. Surveyor, 1st grade, 2nd Division, Central Provinces	21st June 1869
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Privilege leave for 20 days, from 30th September to 19th October 1871.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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 ditto, on special duty. Ditto ditto, Delhi and Hissar, subsequently called "2nd Divi- sion, Gurgaon Survey". . .	1st Nov. 1874	.....	...
Ditto . . .	Ditto, 3rd grade, 2nd Divi- sion, afterwards called "Sirsa and Rohtak Districts Survey"	1st April 1875	.....	...
Calcutta . .	Ditto ditto on duty, Head-quarters Office . . .	1st Jan. 1878	.....	...
Burma . . .	Ditto, ditto, British Burma Survey . . .	1st April 1878	.....	...
		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, Hooghly 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, ditto	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 . . .	...
<i>Privilege leave for 2 months and 16 days, from 16th August 1892.</i>				
<i>Made over charge of Bihar Detachment, 12th August 1892.</i>				
Bihar . . .	Asst. Supdt., 2nd grade, at- tached 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 .	6th Nov. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar . . .	Asst. Supdt., 2nd grade, attached to Nos. 4 and 5 Parties (Bihar)	...	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., 2nd 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	.....	...
Ditto . . .	Ditto, ditto, in charge Nos. 2 and 8 Parties (N.-W. P. and Oudh)	5th Nov. 1897	.....	...
<i>Extension of service up to 30th September 1898.</i>				
Naini Tal . . .	Dy. Supdt., 2nd grade, in charge Nos. 2 and 8 Parties (N.-W.P. and Oudh)	...	Dy. Supdt., 1st grade	26th Apl. 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at the Royal Military College, Sandhurst, from 1st September 1886 to 15th July 1887.</i>				
...	2nd-Lieutenant, 2nd Battalion, Lincolnshire Regiment	14th Sept. 1887	.....	...
Cawnpore . . .	Appointed to the Bengal Staff Corps	25th Oct. 1889	Wing Officer, 4th Bengal Infantry (on probation)	25th Oct. 1886.
Jhansi . . .	Wing Officer, 4th (P. A. V.) Bengal Infantry (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>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra 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 .	1st Mar. 1897	.....	...
Ditto .	Ditto ditto ditto .	...	Dy. Supdt., 2nd grade	24th June 1897.
<i>Served as Survey Officer with the Tochi Field Force, from 25th June to 22nd December 1897.</i>				
...	Asst. Supdt., 1st grade .	26th Oct. 1897	.....	...
...	Ditto ditto .	...	Dy. Supdt., 2nd grade	5th Nov. 1897.
...	Ditto ditto .	10th Nov. 1897	.....	...
...	Ditto ditto .	...	Dy. Supdt., 2nd grade	17th Feb. 1898.
Quetta .	Ditto ditto attached to No. 15 Party (Paluchistan) .	23rd Dec. 1897	Ditto ditto .	...
Ditto .	Ditto ditto in charge ditto .	20th Apl. 1898	Ditto ditto .	...
Ditto .	Ditto ditto attached to ditto .	9th May 1898	Ditto ditto .	...

War Services.—Served with the Chitral Relief Force from 16th March to 3rd June 1895 as Assistant Commissariat Officer, 1st Brigade. Present at the action at Malakand on 3rd April 1895, under the Command of General Sir Robert Low. Served as Survey Officer with the Tochi Field Force from 25th June to 22nd December 1897.

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. Asst. Supdt., 2nd grade, Madras Rev. Survey, doing duty in the Central Office .	2nd Feb. 1881	.....	...
Bellary .	Ditto ditto ditto, No. 2 Party .	9th Feb. 1881	.....	...
Ditto .	Asst. Supdt., 2nd grade, Madras Rev. Survey, No. 2 Party .	1st Sept. 1881	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras	Asst. Supdt., 2nd grade, Madras Rev. Survey, on duty Central Office	19th Dec. 1881	.....	..
Madura	Ditto ditto, ditto			
	No. 2 Party	2nd Mar. 1882	.....	..
Ditto	Ditto ditto ditto, No. 1 Party	1st Dec. 1882	.....	..
<i>Privilege leave for 2 months, from 7th May 1883.</i>				
Tanjore	Asst. Supdt., 2nd grade, Madras Rev. Survey, No. 3 Party . .	7th July 1883	.....	..
Ditto	Ditto ditto . . . . .	...	Asst. Supdt., 1st grade	18th Mar. 1884.
Ditto	Asst. Supdt., 2nd grade, Madras Rev. Survey	19th June 1884	.....	..
Ditto	Asst. Supdt., 1st grade, Madras Rev. Survey	3rd Sept. 1884	.....	..
Madras	Ditto ditto ditto 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 ditto . . . . .	...	Dy. Supdt., 4th grade	14th Nov. 1888.
Ditto	Ditto ditto ditto . . . . .	...	Asst. Supdt., 1st grade	7th Dec. 1888.
Ditto	Ditto, 1st grade, ditto	15th Feb. 1889	.....	..
Ditto	Ditto ditto ditto . . . . .	...	Dy. Supdt., 4th grade	27th Mar. 1889.
...	Ditto 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.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Dy. Supdt., 2nd grade, attached to Head-quarters Office	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	.....	...
<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	...
Ditto	Ditto ditto ditto	26th Oct 1897	.....	...
Ditto	Ditto ditto ditto	...	Supdt., 2nd grade	5th Nov. 1897.
Ditto	Ditto ditto ditto	10th Nov. 1897	.....	...
Ditto	Ditto ditto ditto	...	Supdt., 2nd grade	26th Apl. 1898.

Renny-Tailour, Captain Thomas Francis Bruce, R.E.—Joined the service, 14th February 1883; arrived, 21st 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>				
Roorkee	Posted to the Indian Establishment	2nd Mar. 1885	.....	...
...	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.
...	Ditto, 1st grade, ditto	1st Nov. 1887	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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 .	Ditto, 1st grade, ditto . . .	26th Mar. 1889	.....	...
Ditto .	Ditto ditto . . .	...	Dy. Supdt., 4th grade	20th Apl. 1889.
<i>Special Burma privilege leave for 2 months and 28 days, from 20th July 1889.</i>				
...	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.
<i>On special duty in connection with an Expedition in Upper Burma along the Chinese Frontier, from 21st December 1890 to 7th May 1891.</i>				
...	Dy. Supdt., 4th grade (<i>sub. pro tem.</i>) . . .	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 . . .	...
<i>Promoted to Captain, 13th August 1891.</i>				
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 ditto . . .	...	Dy. Supdt., 3rd grade	16th May 1892.
Ditto .	Ditto ditto . . .	5th June 1892	.....	...
Ditto .	Ditto ditto ditto and No. 11 Party (Upper Burma) . . .	5th June 1892	.....	...
...	Ditto ditto . . .	...	Dy. Supdt., 3rd grade	8th July 1892.
<i>Made over charge of No. 11 Party on 11th July 1892 and of No. 21 Party on 20th July 1892.</i>				
<i>Privilege leave for 3 months, from 20th July 1892.</i>				
...	Dy. Supdt., 2nd grade . . .	18th Aug. 1892	Dy. Supdt., 1st grade	...
Upper Burma .	Ditto ditto, in charge No. 21 Party (Upper Burma) . . .	20th Oct. 1892	.....	...
<i>Furlough (on private affairs) for 1 year, from 6th May 1893. Extension for 5 months and 23 days.</i>				
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.
Ditto .	Ditto, 1st grade, ditto . . .	21st Jan. 1896	.....	...
<i>Served as Survey Officer with the Burma-China Boundary Delimitation Commission, 3rd November 1897.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Dy. Supdt., 1st grade . . .	...	Supdt., 2nd grade . . .	6th May 1898.

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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. 1887	.....	...
<i>Privilege leave for 3 months, from 5th April 1888.</i>				
Dehra Dún	Supdt., Forest Surveys, and Dy. Conservator of Forests, 2nd grade	...	Dy. Conservator of Forests, 1st grade	2nd Mar. 1889.
<i>Furlough for 9 months, from 21st January 1890.</i>				
Dehra Dún	Supdt., Forest Surveys, and Dy. Supdt., 4th grade, Survey of India	24th Oct. 1890	.....	...
Ditto	Ditto ditto ditto	...	Dy. Supdt., 3rd grade	24th Oct. 1890.
Ditto	Ditto and ditto, 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 and Supdt., 2nd grade	4th Feb. 1897	.....	.....
<i>Extension of service sanctioned by the Secretary of State up to close of the field season 1898 ; further extension sanctioned up to 30th September 1899.</i>				
Dehra Dún	Supdt., Forest Surveys, and Supdt., 2nd grade, Survey of India	...	Supdt., 1st grade	27th May 1898.

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 Estabtd.	25th Sept. 1888	.....	...
...	Bombay Sappers and Miners	24th Oct. 1888	.....	...
...	Attached to the Office of Insp. Genl., Mily. Works	11th June 1889	.....	...
Sokkur	Attached to Mily. Works Dept., Sokkur 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 ditto	...	Executive Engineer, 4th grade	8th Apl. 1899.

Privilege leave for 2 months and 21 days, from 11th February 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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, Survey 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 (Himalaya)	12th Nov. 1896	.....	...
<i>Promoted to Captain, 31st December 1896,</i>				
Simla	Asst. Supdt. 1st grade, in charge No. 18 Party (Himalaya)	...	Dy. Supdt., 2nd grade	19th Apl. 1897.
<i>Served as Survey Officer with the Malakand Field Force, from 6th August 1897.</i>				
<i>Served as Survey Officer with the Tirah Field Force, from 1st March 1898. Special duty at Simla, from 13th April 1898.</i>				
Simla	Dy. Supdt., 2nd grade	27th May 1898		
<i>War Services.—Served as Survey Officer with the Malakand Field Force, from 6th August 1897; served as Survey Officer with the Tirah Field Force, from 1st March 1898.</i>				

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 Establishment	25th Sept. 1888	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kirkee	Attached to the 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	.....	...
Hara Banki	Ditto ditto	3rd June 1889	.....	...
Sitapur	Ditto ditto	16th June 1890	.....	...
...	Ditto ditto . . . .	...	Asst. Engr., 1st grade (sub. <i>pro tem.</i>)	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, attached to No. 18 Party (Himalaya) . . . .	...	Asst. Supdt., 1st grade	1st Nov. 1892.
Mandalay	Ditto ditto, No. 11 Party (Upper Burma)	1st Oct. 1893	Ditto ditto	...
Ditto	Ditto ditto, in charge ditto	3rd Oct. 1894	Ditto ditto	...
<i>Served as Survey Officer attached to the Mekong Commission from 4th November 1894 to 17th May 1895.</i>				
Calcutta	Asst. Supdt., 1st grade	1st Jan. 1895	.....	...
...	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 December 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	.....	...
Meradabad	Asst. Supdt., 1st grade, Morada- bad 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
Ranohi .	Ditto ditto	8th Nov. 1876	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 3rd grade	14th July 1877
Rangoon	Ditto ditto, in charge British Burma Cadas- tral Survey	1st Dec. 1878	Dy. Supdt., 3rd grade	...
Ditto	Dy. Supdt., 3rd grade, in charge British Burma Cadas- tral Survey	1st Jan. 1879.	.....	...
<i>Promoted to Major, 7th June 1881.</i>				
<i>Furlough to Europe for 1 year 2 months and 22 days, from 9th August 1881.</i>				
Calcutta	Dy. Supdt., 3rd grade, on duty Head-quarters Office	4th Nov. 1882	.....	...
Gorakhpur	Ditto ditto, in charge Gorakhpur District Cadastral Survey, N.-W. P.	1st Nov. 1888	.....	...
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, Bengal Surveys	1st April 1892	.....	...

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

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

Promoted to Colonel, 29th August 1893.

Privilege leave for 1 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 Machai 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 1863.</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 ditto, Baluch. Topl. Party	1st Aug. 1884	.....	...
<i>Employed with the Zhob Valley Expedition, from 16th September to 9th November 1884.</i>				
...	Asst. Supdt., 2nd grade	10th Nov. 1884	Asst. Supdt., 1st grade	10th Nov. 1884
Simla	Ditto ditto, on deputation to Q.-M. G.'s Department	Jan. 1885	Ditto ditto . . . . .	...
Central Provinces	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 Cadl. Survey	26th Feb. 1887	.....	...
...	Ditto ditto . . . . .	...	Dy. Supdt., 4th grade	8th June 1887
...	Ditto ditto	30th Aug. 1887	.....	...
...	Ditto, 1st grade, in charge Srinagar Wards' Estate Survey, afterwards called No. 4A Party (Srinagar)	28th Nov. 1887	.....	...
...	Ditto ditto (and Burdwan Khns Mehals Survey) . . . . .	...	Dy. Supdt., 4th grade	21st June 1887
<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 No. 3 Party (Mandalay)	1st Nov. 1890	.....	...
Ditto	Ditto, ditto ditto	...	Dy. Supdt., 3rd grade	4th Nov. 1890.
Ditto	Ditto, ditto ditto	15th Nov. 1890	.....	...
Ditto	Ditto, ditto ditto	...	Dy. Supdt., 3rd grade	10th Apl. 1891.
<i>Furlough to Europe on private affairs for 6 months, from 18th June 1891.</i>				
Mandalay	Dy. Supdt., 4th grade, in charge No. 3 Party (Mandalay)	23rd Dec. 1891	.....	...
Ditto	Ditto, ditto	...	Dy. Supdt., 3rd grade	26th Mar. 1892.
Ditto	Ditto, 2nd grade, ditto	18th Aug. 1892	Ditto, 1st grade	18th Aug. 1892.
Ditto	Ditto, ditto, ditto	6th Nov. 1893	.....	...
Ditto	Ditto, ditto, ditto	...	Dy. Supdt., 1st grade	28th Apl. 1894.
N.-W. P. and Oudh.	Ditto, ditto, on deputation as Superintendent, Settlement Surveys	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.
...	Supdt., 2nd grade ditto	15th Apl. 1898	.....	...

War and Trans-Frontier Services.—In 1867 reconnoitred independent hill tracts of Allahi Nandibar Tikari and eastern slopes of Black Mountain; repulsed night attack on camp, 23rd April. 1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry" 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 Hussan Khel. 1871, reconnoitred small portion, Bhutan hills, touching on District Darrang, Assam. 1877, accompanied Jowaki-Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government. 1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Deh Sarak and Fattchabad; 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." }
 "At 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 Famine Duty, P. W. D.); in charge of Sindgi Taluka, Kaladgi Districts, Bombay, from 4th May to 15th December 1879, and received thanks of Government.—Government Resolution, Bombay Castle, No. 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, attached to Headquarters 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, ditto, No. 3 Party (Mandalay)	20th Sept. 1892	Ditto, ditto	..
<i>Privilege leave for 1 month and 12 days, from 12th October to 23rd November 1892.</i>				

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. 1898.
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, and 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 Bengal) Engineers . . .	8th June 1860	.....	...
<i>On duty at Royal Engineering Establishment, Chatham, from 1st August 1860 to March 1862.</i>				
Central India	Mily. 2nd/Asst., attached to Central India Topl. Survey .	26th Sept. 1863	.....	...
<i>Appointed Survey Officer with the Bhutan Field Force in October 1865.</i>				
Central India	Asst. Surveyor, 1st grade, Topl. Survey . . .	1st Apl. 1866	.....	...
Central India	Ditto, ditto, attached to Central India Survey . . .	16th July 1866	.....	...
...	Subst. Dy. Survey, Sr, 3rd grade, in charge of the Survey . . .	1st Dec. 1867	.....	...
...	Dy. attached, 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.
<i>Promoted to Captain, 20th August 1872.</i>				
Central India	Dy. Supdt., 3rd grade, in charge Central India Topl. Survey .	...	Dy. Supdt., 2nd grade, Topl. Survey .	4th Jan. 1874
...	Ditto, ditto .	1st Apl. 1874	.....	...
...	Ditto, ditto .	...	Dy. Supdt., 2nd grade, Topl. Survey .	1st Feb. 1878
...	Ditto, ditto .	5th Oct. 1878	.....	...
...	Ditto, ditto .	...	Dy. Supdt., 2nd grade, Topl. Survey .	27th Oct. 1878
...	Ditto, ditto .	22nd Apl. 1879	.....	...
<i>Served as Survey Officer with the Peshawar Field Force in Afghanistan, from March to June 1879.</i>				
...	Dy. Supdt., 3rd grade . .	...	Dy. Supdt., 2nd grade, Topl. Survey .	1st Nov. 1897
Debra . .	Ditto, ditto . .	14th Mar. 1880	.....	...
<i>Furlough to Europe for 6 months and 15 days, from 27th March 1880.</i>				
Rajputana .	Dy. Supdt., 3rd grade, in charge Rajputana Survey . .	11th Oct. 1880	.....	...
...	Ditto, ditto . .	...	Dy. Supdt., 2nd grade	18th Oct. 1880
<i>Promoted to Brevet-Major, 2nd March 1881.</i>				
<i>Promoted to Major, 1st July 1881.</i>				
Calcutta .	Dy. Supdt., 3rd grade . .	...	Asst. Surveyor-General	24th July 1888
Ditto . .	Ditto, 2nd grade . .	10th Jan. 1884	Ditto .	...
Ditto . .	Ditto, ditto, and Asst. Surveyor-General . .	23rd May 1884	.....	...
Ditto . .	Ditto, ditto . .	...	Dy. Supdt., 1st grade	3rd Dec. 1884
<i>On special duty to Madras, from 18th April to 4th May 1886.</i>				
<i>Furlough to Europe for 1 year, 5 months and 20 days, from 4th May 1886.</i>				
Calcutta .	Dy. Supdt., 2nd grade, and Asst. Surveyor-General . .	24th Oct. 1887	.....	...
<i>Promoted to half-pay Lieutenant-Colonel, 1st July 1888.</i>				
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, ditto . .	...	Dy. Surveyor-General, in charge Revenue Branch	11th Apl. 1896
Ditto . .	Ditto, ditto, ditto . .	16th July 1889	.....	...
Ditto . .	Ditto, ditto, ditto . .	...	Dy. Surveyor-General, in charge Revenue Branch	20th Oct. 1889
<i>Promoted to Regimental Lieutenant-Colonel, 10th December 1</i>				
Calcutta .	Dy. Surveyor-General, in charge Revenue Branch (sub. <i>pro</i> <i>tem.</i>)	2nd Apl. 1891	..... st gr	...
Ditto . .	Ditto, ditto (confirmed) .	1st July 1892	..... ditto	...
<i>Promoted to Colonel, 12th April 1893.</i>				
<i>Privilege leave for 3 months, from 4th July 1894.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Dy. Surveyor-General, in charge Revenue Branch	16th Oct. 1894	.....	..
Ditto	Surveyor-General of India	26th Mar. 1895	.....	..
<i>Promoted to Major-General, 27th November 1896.</i>				
<i>Extension of service up to 30th September 1899.</i>				

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at the Royal Military College, Sandhurst, from 1st September 1885 to 24th August 1890.</i>				
...	Lieutenant, Wiltshire Regt.	25th Aug. 1886	.....	..
...	Apptd. to the Bengal Staff Corps	14th Mar. 1888	Wing Officer (on probation), 31st Punjab Infy.	14th Mar. 1888.
...	Ditto, ditto	...	Ditto, and Qr. Mr., ditto	14th Apl. 1888.
<i>Language leave, from 5th May to 24th July 1890.</i>				
...	...	...	Wing Officer, 29th Punjab Infy.	6th Jan. 1891.
...	...	...	Qr. Mr., 31st Punjab Infy.	4th June 1891.
<i>Leaves on private affairs, from 18th November 1891 to 19th September 1892.</i>				
Calcutta	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Head-Quarters Office	28th Sept. 1892	.....	..
Bihar	Ditto, ditto, attached to No. 4 Party (Bihar)	1st Nov. 1892	.....	..
<i>Medical leave for 2 months, from 10th May 1893.</i>				

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.

Privilege leave for 1 month and 20 days, from 23rd June to 11th August 1897.

Promoted to Captain, 25th August 1897.

Assam . . .	Asst. Supdt., 1st grade, in charge No. 6 Party (Assam)	25th Aug. 1897	Dy. Supdt., 2nd grade	...
Ditto . . .	Dy. Supdt., 2nd grade, ditto	17th Feb. 1898	.....	...
Ditto . . .	Ditto, ditto, ditto .	...	Dy. Supdt. 1st grade	6th May 1898.

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

Tandy, Lieutenant Edward Aldborough, R.E.—Joined the service, 13th February 1891; arrived, 20th October 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieutenant, R.E.	13th Feb. 1891	.....
<i>On duty at Royal Engineering Establishment, Chatham, till March 1893, and with 1st Fortress Company, R.E., Cork Harbour, from 21st March to 21st September, 1893.</i>				
Agra . . .	Attached to Mily. Works Dept.	25th Oct. 1893	.....	..
<i>Promoted to Lieutenant, 13th February 1894.</i>				
<i>Privilege leave for 60 days, from 13th August 1894.</i>				
Chin Hills . .	.....	...	Asst. Engr., 2nd grade, P. W. D., Burma, on special duty, Road Survey	12th Jan. 1895.
...	Reverted, to Mily. Works Dept.	10th July 1896	.....	...
Calcutta . .	Posted to Fort William Division, Mily. Works Dept.	14th July 1896	.....	...
Ditto . . .	Ditto, ditto . . .	...	Asst. Engr., 2nd grade, Mily. Works Dept.	25th July 1896.
Buxa Duars . .	Asst. Engr., 2nd grade, Mily. Works Dept., Buxa Duars Sub-Division	21st Nov. 1896	.....	...
Allahabad . .	Joined P. W. D. temporarily for duty on Famine Relief	2nd Mar. 1897	.....	...
Jhansi . . .	Inspecting Officer, Famine Relief Works, Jhansi Division	16th Mar. 1897	.....	...
...	Replaced at disposal of Mily. Dept.	29th Sept. 1897	.....	...
Debra Dun . .	Asst. Supdt., 2nd grade, Survey of India, attached to the Trigonometrical Branch Office	31st Jan. 1898	.....	...
<i>Privilege leave for 3 months, from 20th May 1898.</i>				

War Services.—Served with Kurram Moveable Column, Tirah Expeditionary Force, as Assistant Field Engineer, from 4th October 1897 to 29th January 1898. Present at the action of Thabi on the 1st and 2nd December 1897.

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	.....	...
...	Posted to the Indian Establish- ment	2nd Mar. 1892	... ..	...
Manora .	Attached to Military Works Department, Karachi Divi- sion	6th Apl. 1892	.....	...
Ditto .	Ditto, ditto, ditto . . . . .	...	Asst. Engr., 2nd grade.	8th Jan. 1893.
Zhob .	Ditto, ditto, Zhob Division .	20th July 1893	Ditto, ditto . . .	...
Quetta .	Ditto, 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 De- partment	7th Apl. 1895.
Dera Ismail Khan.	Asst. Engineer, 1st grade, Mili- tary Works	29th Feb. 1896	Ditto, ditto . . .	...
<i>Language leave for 3 months, from 13th July 1896.</i>				
Dera Ismail Khan.	Asst. Engineer, 1st grade, Mili- tary Works . . . . .	...	Asst. Engr., 2nd grade, Public Works De- partment	26th Sept. 1896.
Dehra Dun .	Asst. Supdt., 2nd grade, Survey of India, attached to Com- puting Party	22nd Apl. 1897	.....	...
Baluchistan .	Ditto, attached to No. 24 Party (Baluchistan)	2nd Aug. 1897	.....	...
Ditto .	Ditto, 1st grade, ditto . . .	17th Feb. 1898	.....	...
Ditto .	Ditto ditto ditto . . . . .	...	Dy. Supdt., 2nd grade	6th May 1898.
<i>Privilege leave for 3 months, from 11th May 1898.</i>				
<i>Elected for continuous Indian service, 27th December 1897.</i>				

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 Establish- ment	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, 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, ditto, ditto	1st Sept. 1884	Ditto, ditto	...
...	Ditto, ditto, in charge ditto	14th Sept. 1884	Ditto, ditto	...
Baluchistan .	Ditto, ditto, ditto	17th Dec. 1884	Ditto, ditto	...
<i>Served as Survey Officer with the Zhob Valley Field Force in 1884.</i>				
<i>Promoted to Captain, 8th January 1885.</i>				
Gorakhpur .	Asst. Supdt., 1st grade, Gorakh- pur 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 1888.</i>				
...	Dy. Supdt., 4th grade, Hazara Field Force . . . . .	...	Dy. Supdt., 3rd grade	15th Nov. 1888.
Delhra .	Ditto, ditto, Trigono- metrical Branch Office	23rd Nov. 1888	Ditto, ditto	...
Ditto .	Ditto, ditto, ditto	23rd Dec. 1888	.....	...
<i>Proceeded on military duty to Europe, 23rd February 1889.</i>				
<i>Furlough for 1 year, from 1st December 1889.</i>				
Delhra .	Dy. Supdt., 4th grade, Trigono- metrical 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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussooree	Dy. Supdt., 3rd grade, 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 (Himalaya)	14th Apl. 1894	.....	...
Ditto	Ditto, ditto, in charge ditto . . .	16th Apl. 1894	.....	...
<i>Served as Survey Officer with the Waziristan Delimitation Commission, from 26th September 1894.</i>				
...	Dy. Supdt., 1st grade . . .	...	Supdt., 2nd grade	20th April 1895.
...	Ditto, ditto, attached to Pamir Detachment . .	14th June 1895	Ditto, ditto	...
<i>Promoted to Brevet-Lieutenant-Colonel, 27th August 1895.</i>				
...	Dy. Supdt., 1st grade, in charge Waziristan Detachment .	5th Nov. 1895	Supdt., 2nd grade	...
...	Ditto, ditto, ditto . . .	15th Nov. 1895	.....	...
Simla	Ditto, ditto, in charge No. 18 Party (Himalaya) .	20th Dec. 1895	.....	...
Ditto	Ditto, ditto, ditto . . .	...	Supdt., 2nd grade	25th Dec. 1895.
...	Ditto, ditto, in charge Perso-Baluch Detachment .	15th Jan. 1896	Ditto, ditto	...
<i>Furlough 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>				
Simla	Supdt., 2nd grade, attached to No. 18 Party (Himalaya).	26th Oct. 1897	.....	...
Ditto	Ditto, ditto, in charge ditto	1st Nov. 1897	.....	...
<i>Served as Survey Officer in charge, Kurram Survey Party, Tirah Expeditionary Force, 17th November 1897.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Served as Chief Survey Officer, Tirah Expeditionary Force, from 17th February 1898.</i>				
Quetta	Supdt., 2nd grade, attached to No. 15 Party (Baluchistan)	4th Apl. 1898	.....	...
Ditto	Ditto, ditto, ditto and in charge Simla Drawing Office	11th Apl. 1898	.....	...
Ditto	Ditto, ditto, ditto	...	Supdt., 1st grade	6th May 1898.
Ditto	Ditto, ditto, in charge No. 15 Party (Baluchistan) and Simla Drawing Office	9th May 1898	Ditto ditto	...

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; served as Survey Officer in charge Kurram Survey Party, Tirah Expeditionary Force, from 17th November 1897; served as Chief Survey Officer, Tirah Expeditionary Force, from 17th February 1898.

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,	18th Aug. 1892	.....	..
Ditto	Ditto, 3rd grade (reorganisation), ditto.	23rd May 1893	.....	..
Ditto	Ditto, 2nd grade, ditto	15th Nov. 1893	.....	..
Ditto	Ditto, 1st grade ditto	21st Mar. 1897	.....	..
<i>Privilege leave for 3 months, from 25th October 1897; recalled 3rd January 1898.</i>				
Calcutta	Sub-Asst. Supdt., 1st grade, attached to Head-Quarters Office	3rd Jan. 1898	.....	..
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	7th Jan. 1898	.....	..

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Hazaribagh	Sub-Surveyor	1st Dec. 1867 to Nov. 1896	.....	..
Baluchistan	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topl. Survey	15th Nov. 1896	.....	..
<i>Privilege leave for 58 days, from 1st October to 27th November 1897.</i>				
<i>Served with the Tirah Expeditionary Force, from 15th September to 20th December 1897.</i>				
Baluchistan	Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topl. Survey	21st Dec. 1897	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 77 days from 3rd May 1898.</i>				

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, *vid* 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, *vid* Ladis (Persian Baluchistan), and from Persian Sistan to Kharan, *vid* Helmand Valley.

Season 1892-93. Exploration from Gwadar to Bampur (Persian Baluchistan), *vid* Bahukalat and from Bampur to Gwadar, *vid* 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 R500 from Commander-in-Chief on 24th October 1892.

Served with the Tirah Expeditionary Force, from 15th September to 20th December 1897.

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 1895.</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>				
N.-W. P. and Oudh .	Sub-Asst. Supdt., 2nd grade, attached to Nos. 2 and 8 Parties, Rev. Survey . . .	1st June 1898	.....	...

• **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	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	27th Nov. 1897	.....	..

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	.....	..
Ditto	Probationary Sub-Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	13th Nov. 1892	.....	..
Asia and Europe	Ditto, 2nd grade, ditto	27th Mar. 1895	.....	..
N.-W. P. and Oudh	Ditto, ditto, attached to No. 8 Party, Rev. Survey	28th Nov. 1896	.....	..
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 1897	.....	..

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	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Asst. Surveyor, 2nd grade, attached to No. 3 Party, Rev. Branch.	1st April 1887	.....	...
Ditto	Ditto, ditto, attached to No. 13 Party, Rev. Branch, Traverse Survey	1st May 1887	.....	...
<i>Privilege leave for 3 months, from 1st September to 30th November 1887.</i>				
Central Provinces	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.	Sub-Asst. Supdt., 2nd grade	18th Aug. 1892	.....	...
Ditto	Ditto, 1st grade	31st Dec. 1892	.....	...
Ditto	Ditto, ditto attached to No. 7 Party, Rev. Branch, Cadl. Survey	1st Jan. 1893	.....	...
Ditto	Ditto, 2nd grade, (reorganisation), ditto, ditto	23rd May 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Oct. 1893	.....	...
<i>On recruitment duty at Hazaribagh, from 6th October to 15th November 1893.</i>				
<i>On recruitment duty at Hazaribagh, from 15th September to 26th November 1894.</i>				
<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	Ditto, 1st grade, ditto	8th June 1896	.....	...
<i>Privilege leave, from 30th September to 20th November 1896.</i>				
Lower Burma.	Sub-Asst. Supdt., 1st grade, attached to No. 7 Party, Rev. Branch, Cadl. Survey	21st Nov. 1896	.....	...
Bihar	Ditto, ditto, attached to No. 4 Party (Bihar)	9th Dec. 1897	.....	...

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	25th Jan. 1889	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	10th Oct. 1889	.....	...
<i>Privilege leave for 26 days, from 18th 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	18th 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	.. ...	...

Barkley, William Cyclone Groome.—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	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Oct. 1885	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan	Asst. Surveyor 1st grade, attached to No. 15 Party, Topl. Survey	1st March 1898	.....	...
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 ditto	...	Surveyor, 4th grade,	22nd Apl. 1892.
Ditto	Ditto ditto 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	.....	...
Ditto	Ditto ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sept. 1897	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	1st Mar. 1898	.....	...

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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Chota Nagpore	Asst. Surveyor, 4th grade, attached to No. 4 Party, Topl. Survey	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 1886.
Ditto	Ditto, ditto	1st Aug. 1885	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	1st July 1886.
Ditto	Ditto, ditto	...	.....	...
Ditto	Surveyor, 4th grade, ditto	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 ditto	...	In temporary charge No. 20 Party, Topl. (Forest) Survey	21st Sept. 1890.
Ditto	Ditto, ditto, ditto	15th Nov. 1890	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade, ditto	8th Nov. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
<i>Sick leave for 8 days, from 19th to 25th May 1893.</i>				
Calcutta	Extra-Asst. Supdt., 5th grade, attached to Head-quarters Office	5th June 1893	.....	...
<i>Privilege leave for 2 months, from 1st April 1895.</i>				
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	Ditto, 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 Furdwan Raj Cadastral Survey	31st Oct. 1888	.....	...
Orissa	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	30th Nov. 1889	.....	...
Ditto	Ditto 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 Nos. 2 and 8 Parties, Cadl. Survey	30th Sept. 1893	.....	...
Ditto	Ditto, 1st grade, ditto	1st Nov. 1893	.....	...
<i>Privilege leave for 3 months, from 17th June 1894.</i>				
Bihar	Sub-Asst. Supdt., 1st grade, attached to Nos. 4 and 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 and Levelling)	2nd Jan. 1897	.....	...
<i>Privilege leave for 2 months and 22 days, from 22nd March 1897.</i>				
Poona	Sub-Asst. Supdt., 1st grade, attached to No. 25 Party, (Tidal and Levelling)	...	Extra Asst. Supdt., 6th grade	22nd Mar. 1898.
Ditto	Ditto, ditto, ditto	1st Apl. 1898	.....	...
Ditto	Ditto, ditto, ditto	...	Extra Asst. Supdt., 6th grade	13th Apl. 1898.
Ditto	Ditto, ditto, ditto	1st May 1898	...	...
Ditto	Ditto, ditto, ditto	...	Extra Asst. Supdt., 6th grade	4th June 1898.

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, ditto.	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.	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, Percy.—Joined the service, 1st December 1882.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Supernumerary Assistant Surveyor, Trigonometrical Branch, Survey of India	1st Dec. 1882	.....	..
Ditto	Assistant Surveyor, 3rd grade, Trigonometrical Branch	22nd Jan. 1883	.....	..
Mussooree	Ditto ditto Central India and Rajputana Topographical Survey	1st Feb. 1884	.....	..
Ditto	Ditto 2nd grade, Rajputana Topl. Survey	1st Apl. 1886	.....	..
Ditto	Ditto ditto Ajmere Detachment, Cadl. Survey Party	1st Oct. 1886	.....	..
Akyab	Ditto ditto No. 7 Akyab Cadastral Survey Party	1st Nov. 1886	.....	..
Rangoon	Ditto ditto No. 7 Cadastral Survey Party	1st Nov. 1887	.....	..

Privilege leave for 1 month and 26 days, from 5th August to 30th September 1889.

Rangoon	Assistant Surveyor, 2nd grade, No. 20 Topographical Party, working in Toungoo Forest Surveys, in charge of Traverse Camp	1st Oct. 1889
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Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bassein	Assistant Surveyor, 2nd grade	...	Superintendent of Land Records	8th June 1890.
Ditto	Ditto, 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>				
Bassein	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>				
Bassein	Sub-Assistant Superintendent, 1st grade Survey of India, on deputation as Superintendent, Land Records, 4th grade	...	Extra Asst. Supdt., 6th grade	1st Mar. 1898.
Ditto	Extra Asst. Supdt, 6th grade, ditto	4th June 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Sub-Asst., 3rd class, attached to Computing Office, Trigl. Survey	1st Nov. 1862	.....	...
Mussorie	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. 1868	.....	...
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.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona	Surveyor, 4th grade, 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.
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	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 (reorganisation), 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	.....	..
Ditto	Ditto, ditto	...	In temporary charge, No. 25 Party (Tidal and Levelling)	9th July 1897.
Ditto	Ditto, ditto	22nd Oct. 1897	.....	..
<i>Privilege leave for 2 months, from 12th April 1898.</i>				

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	1st Oct. 1887	.....	...
Ditto	Ditto, 2nd grade, ditto	15th May 1889	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party, Cadl. Survey	11th Oct. 1889	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...
Assam	Ditto, ditto, attached to No. 6 Party, Cadl. Survey	1st Nov. 1894	.....	...
Ditto	Ditto, 1st grade, ditto	15th Oct. 1895	.....	...
<i>Privilege leave for 2 months and 26 days, from 15th June 1897.</i>				

Berkeley, Ernest Fitz-Hardinge.—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 Dún Cadl. Survey	1st Oct. 1883	.....	...
Ditto	Asst. Surveyor, 3rd grade, 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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Asst. Surveyor, 3rd grade, attached to No. 3 Party, Rev. Survey	30th Oct. 1885	.....	..
Ditto	Ditto, 2nd grade, 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	.....	..
Central Provinces	Ditto, ditto, 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.	5th Jan. 1892	.....	..
Ditto	Sub-Asst. Supdt., 1st grade (reorganisation), ditto	23rd May 1893	.....	..
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadastral Survey	1st Sept. 1895	.....	..
Noakhali	Ditto, ditto, in charge of Noakhali Detachment, Cadl. Survey	19th Nov. 1896	.....	..
Bihar	Ditto, ditto, attached to No. 4 Party, (Bihar)	1st Nov. 1897	.....	..
Ditto	Ditto, ditto ditto	...	Extra Asst. Supdt., 6th grade	1st March 1898.
Ditto	Extra Asst. Supdt., 6th grade, ditto	4th June 1898	.....	..

Berkeley, Lionel Fitz-Hardinge.—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>				
N.-W.P.	Asst. Surveyor, 3rd grade, attached to No. 4 Party, Rev. and Cadl. Survey	1st Apl. 1881	.....	..
Ditto	Ditto, 2nd grade, ditto	13th Nov. 1883	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P.	Asst. Surveyor, 1st grade, attached to No. 4 Party, Rev. and Cadl. Survey	24th Nov. 1887	.....	...
Bengal	Ditto, ditto, ditto, Revenue and Topographical Survey	1st Nov. 1888	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, 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	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	.....	...

Privilege leave for 3 months, from 1st July 1898.

Berrill, Bernard Marie.—Joined the service, 5th November 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Proby. Sub-Asst. Supdt., 3rd grade, attached to Trigonometrical Branch Office, (under training)	5th Nov. 1897	.....	...

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 . . .	24th Oct. 1896	.....	...
Ditto	Ditto, 2nd grade, ditto . . .	18th Jan. 1898	.....	...

Biggie, Henry William. - Joined the service, 21st November 1891.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Proby. Asst. Surveyor, 3rd grade, attached to Head-quarters 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 . . .	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, 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 . . .	27th Mar. 1895	.....	...
Calcutta	Ditto, ditto, attached to Head-quarters Office . . .	17th Sept. 1897	.....	...
Siam	Ditto, ditto, on deputation to Siam Government . . .	2nd Apl. 1898	.....	...

Bond, Edgar Clinton James.—Joined the service, 17th December 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind . .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 12 Party, Topl. Survey . .	17th Dec. 1896	.....	...
Ditto . .	Sub-Asst. Supdt., 3rd grade, ditto . .	17th Dec. 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 . .	Ditto, 3rd grade, 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 Topogr. Survey . .	1st Dec. 1877	.....	...
Ditto and Mussoori .	Ditto, ditto, attached to No. 2 Astronomical Survey Party . .	1st Sept. 1880	.....	...
Dehra Dún . .	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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussoorie	Surveyor, 4th grade, attached to No. 1 Party, Topog. Survey	1st July 1885	.....	...
Dehra Dún	Ditto, ditto, attached to Trig. 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	Ditto, 3rd grade, ditto	5th Jan. 1892	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	6th July 1894	.....	...
Ditto	Ditto, 3rd grade, ditto	4th June 1898	.....	...

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	15th Oct. 1896	.....	...
<i>Privilege leave for 2 months and 24 days, from 18th May 1898.</i>				
Lower Burma	Sub-Asst. Supdt., 2nd grade, attached to No. 7 Party, Cadl. Survey	4th June 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oadh	Sub-Asst. Surveyor, 3rd class, attached to 1st Division, Rev. Survey	1st Oct. 1860	.....	...
Ditto	Ditto, 2nd class, ditto	1st Jan. 1864	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh . .	Sub-Asst. Surveyor, 1st class attached to 1st Division, Rev. Survey	1st Jan. 1865	.....	...
Ditto . .	Ditto, ditto, attached to 2nd Divn., Rev. Survey	18th Jan. 1866	.....	...
Ditto . .	Asst. Surveyor, 3rd grade, ditto	1st Apl. 1866	.....	...
Central Provinces.	Ditto, ditto, ditto	22nd June 1866	.....	...
Ditto . .	Ditto 2nd grade, ditto	1st Oct. 1866	.....	...
Ditto . .	Ditto, 1st grade, 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 . .	Ditto, 3rd grade, ditto	13th Nov. 1879	.....	...
Central Provinces.	Ditto, ditto, attached to No. 3 Party, Rev. Survey	18th July 1885	.....	...
Ditto . .	Ditto 2nd grade, ditto	1st July 1886	.....	...
Upper Burma . .	Ditto, ditto, attached to No. 12 Party, Cadl. Survey	1st Oct. 1889	.....	...
Ditto . .	Ditto, 1st grade, ditto	8th May 1892	.....	...
Ditto . .	Extra Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto . .	Ditto, ditto, 2nd grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto . .	Ditto ditto . . . . .	...	In temporary charge, No. 12 Party, Cadl. Survey	10th Aug. 1894.
Ditto . .	Ditto, ditto ditto	17th Nov. 1894	.....	...
Ditto . .	Ditto, ditto ditto . . . . .	...	In temporary charge, No. 12 Party, Cadl. Survey	4th Dec 1894.
Ditto . .	Ditto, ditto ditto	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 . .	Ditto, 1st grade, ditto	2nd Dec. 1896	.....	...
Ditto . .	Ditto, ditto, ditto . . . . .	...	In temporary charge, No. 2 Party, Rev. Survey	1st June 1897.
Ditto . .	Ditto, ditto ditto	24th July 1897	.....	...
Ditto . .	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 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	.....	...
Calcutta .	Ditto, ditto, attached to Head-quarters Office .	27th Oct. 1897	.....	...
Ditto .	Sub-Asst. Supdt., 3rd grade, ditto	20th Nov. 1897	.....	...
<i>Privilege leave for 1 month, from 27th December 1897.</i>				

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	.....	...
Ditto .	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	.....	...

Furlough for 1 year, from 22nd September 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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	23rd May 1893	.....	...
Calcutta	Ditto, ditto, attached to Head-quarters Office	1st Oct. 1893	.....	...
Bihar	Ditto, ditto, attached to Nos. 2 and 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	12th Dec. 1896	.....	...
Ditto	Ditto, ditto, and Head Draftsman, Head-quarters Office, (sub. <i>pro tem.</i>)	13th Dec. 1897	.....	...
Ditto	Ditto, ditto, attached to Head-quarters Office	13th Apl. 1898	.....	...

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	25th Oct. 1896	.....	...

Leave on medical certificate for 2 months, from 15th October 1896; extension to 2nd April 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Sub-Asst. Supdt., 3rd grade, attached to Head-quarters Office	3rd Apl. 1897	.....	...
Hazaribagh	Ditto, ditto, on cooly recruitment duty	10th Sept. 1897	.....	...
Bihar	Ditto, ditto, attached to No. 4 Party (Bihar)	23rd Nov. 1897	.....	...
Ditto	Ditto, 2nd grade, ditto	1st June 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dún	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	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	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	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 23rd 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	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, ditto	13th May 1891	.....	...
Upper Burma	Ditto, ditto, attached to No. 24 Party, Trigl. Survey	30th Sept. 1891	.....	...
Dehra Dún . .	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	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 Dún . .	Extra Asst. Supdt., 2nd grade, attached to Computing Party	1st Jan. 1897	.....	...
<i>Privilege leave for 2 months, from 3rd May 1898.</i>				

Claudius, Thomas Ernest McMahon.—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 Vizagapatnam Agency Calcutta . .	Ditto, 1st grade, ditto	1869	.....	...
	Ditto, ditto attached to Head-quarters Office	1st May 1877	.....	...
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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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. 1894	.....	...
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 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	.....	...
Ditto	Ditto, ditto	...	In temporary charge No. 15 Party, (Baluchistan)	17th Feb. 1898.
Ditto	Ditto, ditto	20th Apl. 1898	.....	...

Extraordinary Services.—Surveyed country on $\frac{1}{2}$ " 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 Tirah on $\frac{1}{2}$ " 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 Karako-Gandpahar 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 Mekran 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 Dún	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	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	Ditto, 3rd grade, ditto	25th Apl. 1891	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 3rd grade, ditto	14th Dec. 1897	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge No. 25 Party, Tidal and Levelling	22nd Apl. 1898.
Ditto	Ditto, ditto, ditto	6th May 1898	.....	...

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	1st Apl. 1866	.....	...
Ditto	Ditto, 3rd grade, 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, ditto 2nd grade,	15th Feb. 1871	.....	..
Ditto	Ditto, ditto 1st grade,	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	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	Ditto 3rd grade, ditto	13th May 1891	.....	..
Ditto	Extra Asst. Supdt., 3rd grade ditto	18th Aug. 1892	.....	..
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	..
Ditto	Ditto, 4th grade, ditto	18th Dec. 1893	.....	..
Ditto	Ditto 3rd grade, ditto	13th April 1898	.....	..

Cooper, Henry Charles Hubert.—Joined the services, 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	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	24th Nov. 1897	....	..

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 Dún	Ditto, ditto, attached to Trigl. Survey Office	Nov. 1887	.....	...
Ditto.	Surveyor, 4th grade, ditto	24th Nov. 1889	.....	...
Simla	Ditto, ditto, attached to Simla Drawing Office	1st Feb. 1890	.....	...
<i>Privilege leave for 2 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	23rd May 1893	.....	...
Ditto.	Ditto, 4th grade, ditto,	13th Oct. 1896	.....	...
<i>Privilege leave for 2 months and 11 days, from 3rd January 1897.</i>				
Simla	Extra Asst. Supdt., 4th grade, in charge Simla Drawing Office	24th Dec. 1897	.....	...
Ditto	Ditto ditto, attached to ditto	2nd Mar. 1898	.....	...

Corriden, Edgar Henry.—Joined the service, 12th November 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Proby. Sub-Asst. Supdt., 3rd grade, attached to Trigonometrical Branch Office (under training)	12th Nov. 1897	.....	...

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	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st April 1871	.....	...
Ditto	Ditto, 2nd grade, 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	1st April 1881	.....	...
...	Ditto, ditto, attached to Andaman Party, Topl. Survey	6th Oct. 1884	.....	...
Dehra Dún	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	1st Feb. 1890	.....	...
Ditto	Extra Asst. Supdt., 4th grade, and Draftsman, 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	Ditto, ditto, and Draftsman, attached to Head-quarters Office	2nd June 1893	.....	...
Ditto	Ditto, 5th grade, and 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	.....	...
	<i>Privilege leave for 2 months, from 26th August 1897.</i>			
Burma	Extra Asst. Supdt., 4th grade, attached to No. 10 Party, Topl. (Forest) Survey	4th June 1898	.....	...

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

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

Dhani Ram.—Joined the service, 20th November 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Proby. Sub-Asst. Supdt., 3rd grade, attached to Trigonometrical Branch Office (under training)	20th Nov. 1897	.....	...

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 ditto . . . . .	...	Asst. Surveyor, 3rd grade	17th Dec. 1878.
Ditto . . .	Ditto, 3rd grade, ditto	1st April 1879	.....	...
Ditto . . .	Ditto ditto, attached to No. 10 Party, Topl. and Revenue Survey . . .	1879	.....	...
Ditto . . .	Ditto, 2nd grade, ditto	1st April 1881	.....	...
Ditto . . .	Ditto, 1st grade, ditto	1st Sept. 1884	.....	...
Central Provinces. (Jabalpur) .	Ditto, ditto, attached to No. 9 Party, Revenue Survey	13th Oct. 1885	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poona . .	Asst. Surveyor, 1st grade, attached to No. 10 Party, Topl. Survey	17th May 1886	.....	...
Ditto . .	Extra Asst. Supdt., 6th grade (reorganisation), ditto . .	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	.....	...
Ditto . .	Ditto 5th grade, ditto	13th April 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Pro- vinces.	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	26th Oct. 1896	.....	...
Ditto . .	Ditto, ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sept. 1897	.....	...
Ditto . .	Ditto, 2nd grade, ditto . .	10th Oct. 1897	.....	...
<i>Privilege leave for 1 month, from 13th January 1898, extension for 7 days.</i>				

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, at- tached to No. 6 Party, Topl. Survey	1st Feb. 1867	.....	...
<i>Leave on medical certificate from 26th May to 9th June 1869.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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, Khandaish 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	.....	..
Calcutta	Ditto, ditto, 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	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 ditto	...	In temporary charge, No. 11 Party, Topl. Survey	4th Nov. 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Extra Asst. Supdt., 5th grade, attached to No. 11 Party, Topl. Survey	1st Dec. 1894	.....	...
Ditto	Ditto, 4th grade, ditto	2nd Sept. 1897	.....	...
Ditto	Ditto, ditto ditto	...	In temporary charge, No. 11 Party, Topl. Survey	4th Nov. 1897.

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	1st Jan. 1865	.....	...
Delhi and Hissar.	Ditto, 3rd grade, attached to Revenue Survey	1st April. 1866	.....	...
Ditto	Asst. Surveyor, 2nd grade, ditto	16th Oct. 1868	.....	...
Ditto	Ditto, 1st grade, 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, ditto, attached to No. 2 Party, Revenue and Cadl. Survey	16th Oct. 1874	.....	...
Ditto	Ditto, ditto, in charge of Revenue Survey of waste land grants of Akyab.	1st Nov. 1880	.....	...
Ditto	Ditto 3rd grade, ditto, ditto, ditto, attached to No. 8 Party, Henzada Cadl. Survey	5th Sept. 1883	.....	...
Ditto	Ditto, ditto, attached to No 2 Party, Revenue 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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces.	Surveyor, 2nd grade, attached to No. 9 Party, Rev. Survey .	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	23rd May 1893	.....	...
Ditto .	Ditto, ditto, . . . .	...	In temporary charge, No. 9 Party, Revenue Survey.	14th June 1893.
Ditto .	Ditto, ditto, ditto	14th Sept. 1893	.....	...
Ditto .	Ditto, ditto, ditto . . . .	...	In temporary charge, No. 9 Party, Revenue Survey.	9th Jan. 1895.
Ditto .	Ditto, ditto, ditto	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	.....	..
<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	.....	...
Bihar .	Ditto, ditto, attached to No. 4 Party (Bihar)	20th Sept. 1897	.....	...
Ditto .	Ditto 1st grade, ditto	4th June 1898	.....	...

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	15th Feb. 1868	.....	...
Punjab .	Ditto, ditto, attached to Kurnal and Kaithal Revenue Survey	Nov. 1870	.....	...
Ditto .	Asst. Surveyor, 2nd grade, ditto	15th Feb. 1871	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Surveyor, 2nd grade, attached to Head-quarters Office	June 1873	.....	...
Ditto	Ditto, 1st grade, ditto,	15th June 1874	.....	...
Oriassa	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,	1st Sept. 1884	.....	...
Central Provinces.	Ditto, ditto, on deputation to Settlement Department	Oct. 1885	.....	...
Ditto	Ditto, 3rd grade, ditto,	5th Jan. 1892	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, 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 Topl. Survey	16th Nov. 1881	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Nov. 1882	... ..	...
Central Provinces.	Ditto, 2nd grade, attached to No. 9 Party, Reve. Survey	1st Oct. 1885	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party, Topl. Survey	1st Nov. 1889	.....	...
Ditto	Ditto, 1st grade, ditto	1st Apl. 1891	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, ditto	...	Extra Asst. Supdt.,	...
Ditto	Extra Asst. Supdt., 6th grade, ditto	1st Mar. 1898	6th grade	1st July 1897.
		

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 grade, 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-Dearub 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 1885 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	.....	...
Ditto . .	Ditto, 5th grade (reorganisation), in charge ditto . . .	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	.....	...
<i>Privilege leave for 3 months, from 13th April 1898. Commuted by the Secretary of State into medical leave and extended for 6 months.</i>				

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 Party, 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	.....	...
Bihar	Ditto, ditto, 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	.....	...
<i>Privilege leave for 1 month, from 6th August 1897.</i>				

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>Ditto for 1 month and 28 days, from 17th July 1895.</i>				
<i>Ditto for 1 month and 30 days from 16th July to 14th September 1897.</i>				
Dehra Dún	Extra Asst. Supdt., 6th grade, attached to Trigonometrical Branch Office	4th Nov. 1897	.....	..

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	18th Aug. 1892	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	23rd Nov. 1892	.....	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for one month, from 3rd July 1893.</i>				
Bombay	Sub-Asst. Supdt., 2nd grade, attached to No. 10 Party, Topl. Survey	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	.....	...
Ditto	Sub-Asst. Superintendent, 3rd grade, ditto	14th Nov. 1897	.....	...

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	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.
Bihar	Sub-Asst. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey	1st Oct. 1896	.....	..
Ditto	Ditto, 1st grade, 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	17th Jan. 1883	.....	..
Ditto	Asst. Surveyor, 2nd grade, 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. 13 Party, Mergui Topl. Survey	1st Nov. 1890	.....	..
Ditto	Asst. Surveyor, 1st grade, 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	18th Aug. 1892	.....	..
<i>Privilege leave for 2 months and 26 days, from 10th April 1894.</i>				
Upper Burma	Sub-Asst. Supdt., 1st grade, attached to No. 3 Party, Cadl. Survey	15th Nov. 1897	.....	..
Ditto	Ditto, ditto, ditto	..	Extra Asst. Supdt., 6th grade	18th Jan. 1898.
Ditto	Extra Asst. Supdt., 6th grade, ditto	13th April 1898	.....	..

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 Party, 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 Party, Topl. Survey	1st June 1885	.....	...
<i>Privilege leave, from 4th May to 19th June 1885.</i>				
Central Provinces.	Asst. Surveyor, 2nd grade, attached to No. 9 Party, Rev. Survey	1st Nov. 1886	.....	...
Ditto	Ditto, 1st grade, ditto	13th May 1889	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, 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	.....	...
Lower Burma	Ditto, ditto, attached to No. 20 Party, Topl. Survey	24th Nov. 1897	.....	...
<i>Privilege leave for 3 months, from 6th April 1898.</i>				

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 Bombay	Proby. Asst. Surveyor, 4th grade, attached to No. 2 Party, Khandesh and Native States Survey	5th Sept. 1878	.....	...
Ditto	Asst. Surveyor, 4th grade, ditto	5th Sept. 1879	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Oct. 1882	.....	...
Ditto	Ditto, 2nd grade, 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	5th Feb. 1897	.....	...
<i>Privilege Leave for 3 months, from 10th May 1897.</i>				
Madras	Extra Asst. Supdt., 6th grade, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sept. 1897	.....	...

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	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>				
Central Provinces.	Sub-Asst. Supdt., 2nd grade, attached to No. 14 Party, Topl. (Forest) Survey .	27th Mar. 1895	.....	...
<i>Privilege leave for 1 month and 27 days from 10th May to 6th July 1897.</i>				
Sinla . . .	Sub-Asst. Superintendent, 2nd grade, attached to No. 18 Party (Himalaya) . . .	19th Oct. 1897	.....	...

Haddock, John A. T.—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	Ditto ditto 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 3 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.
Bundelkhand 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 Biewah	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. Prova.	Surveyor, 4th grade, attached to No. 14 Party, Topl. Survey	13th July 1878	.....	...
Ditto	Ditto ditto, attached to Debra 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 organisation), ditto	23rd May 1893	.....	...
<i>Privilege leave for 3 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	.....	...
Ditto	Ditto, ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sept. 1897	.....	...
Ditto	Ditto, ditto	...	In temporary charge of Nos. 9 and 19 Parties, Topl. (Forest) Survey	8th Apl. 1898.
Ditto	Ditto, 2nd grade, ditto	4th June 1898	.....	...

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	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	25th Nov. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bihar . .	Sub-Asst. Supdt., 3rd grade, attached to Nos. 4 and 5 Parties, Cadl. Survey	13th Feb. 1893	.....	..
Ditto . .	Sub-Asst. Supdt., 2nd grade, ditto	12th Nov. 1895	.....	..
Upper Burma .	Ditto, ditto, attached to No. 11 Party, Topl. Survey	5th Dec. 1896	.....	..
<i>Privilege leave for 3 months, from 4th December 1897, re-called to duty, 20th February 1898.</i>				
Calcutta . .	Sub-Asst. Supdt., 2nd grade, attached to Head Quarters Office	20th Feb. 1898	.....	..

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 Topl. Survey	13th Nov. 1862	.....	..
Ditto . .	Asst. Surveyor, 3rd grade, ditto	15th Nov. 1865	.....	..
Ditto . .	Ditto, 2nd grade, 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, Cadl. Survey	1st Apl. 1871	.....	..
<i>Privilege leave for 1 month in July 1871.</i>				
N.-W. Provs. .	Asst. Surveyor, 1st grade, attached to No. 4 Party, Cadl. Survey	13th Nov. 1871	.....	..
Ditto . .	Surveyor, 4th grade, ditto	13th Nov. 1874	.....	..
<i>Privilege leave for 1 month in September 1881.</i>				
N.-W. Provs. .	Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Survey	29th Oct. 1883	.....	..
Ditto . .	Ditto, ditto . . . . .	..	In temporary charge, No. 4 Party, Cadl. Survey	4th July 1888.
Eastern Bengal . .	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	2nd Nov. 1888	.....	..
Ditto . .	Ditto, ditto . . . . .	..	In temporary charge, No. 4 Party, Cadl. Survey	15th Feb. 1898.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Western Duars	Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Survey	6th Nov. 1889	.....	...
Ditto .	Ditto, ditto . . . . .	...	In temporary charge, No. 4 Party, Cadl. Survey	6th June 1890.
Ditto .	Ditto, 2nd grade, attached to No. 4 Party, Cadl. Survey	11th Nov. 1890	.....	...
Ditto .	Ditto, ditto . . . . .	...	In temporary charge of Detachment (No. 4 Party) Cadl. 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, Cadl. 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>				
Calcutta . .	Extra Asst. Supdt., 2nd grade, attached to Head-quarters Office (on furlough in India)	1st May 1897	.....	...
N.-W. P. and Oudh.	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st May 1898	.....	...
Bihar . .	Ditto ditto ditto . . . . .	...	Attached to No. 4, party (Bihar)	1st May 1898.

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 . .	Proby. Sub-Asst. Supdt., 3rd grade, ditto	15th Nov. 1896	.....	...
Ditto . .	Sub-Asst. Supdt., 3rd grade, ditto	15th Nov. 1897	.....	...

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, C&I. Survey	25th Nov. 1896	.....	..
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	25th Nov. 1897	.....	..
<i>Leave on medical certificate for 3 months, from 16th June 1908.</i>				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Asst. Surveyor, 4th grade, attached to Gujarat Party, Trig. and Topl. Survey.	29th April 1868	.....	..
<i>Privilege leave for 2 months, from 11th July 1870.</i>				
Bombay	Asst. Surveyor, 3rd grade, attached to Gujarat Party, Trig. and Topl. Survey	1st April 1871	.....	..
<i>Leave on medical certificate for 6 months, from 1st March 1873.</i>				
Bombay	Asst. Surveyor, 2nd grade, attached to Gujarat Party, Trig. 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	1st April 1881	.....	..
Burma	Ditto, ditto, attached to No. 24 Party, Trig. Survey	1st Oct. 1888	.....	..
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 24 Party, Trig. Survey	18th May 1889.
Ditto	Ditto, ditto, ditto	11th June 1889	.....	..
<i>Privilege leave for 1 month and 7 days, from 24th June 1889.</i>				
Burma	Asst. Surveyor, 2nd grade, attached to No. 24 Party, Trig. Survey	...	Surveyor, 4th grade	6th Aug. 1889.
Ditto	Ditto, ditto, ditto	13th 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	18th Augt. 1892	.....	..
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	..
<i>Privilege leave for 1 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, ditto	18th Oct. 1894.	.....	..
Ditto	Ditto, ditto, ditto	..	In temporary charge, No. 24 Party, Trigl. Survey	16th Apl. 1897.
Ditto	Ditto, ditto, ditto	20th July 1897	.....	..
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 24 Party, Trigl. Survey	12th Apl. 1898.
Ditto	Ditto, 4th grade, ditto.	13th April 1898	Ditto ditto	..

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, Topl. Survey	12th Sep. 1881	.....	..
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Feb. 1882	.....	..
Central India	Ditto, ditto, attached to No. 2 Party, Topl. Survey	12th July 1884	.....	..
Ditto	Asst. Surveyor, 2nd grade, 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, Cadl. and Forest Topl. Surveys	27th Dec. 1886	.....	..
<i>Leave on medical certificate, from 7th March to 18th November 1888.</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 Topl. Survey	1st Nov. 1890	.....	...
Ditto . . .	Asst. Surveyor, 1st grade, ditto	10th Nov. 1890	.....	...
Ditto . . .	Sub-Asst. Supdt., 1st grade, attached to Mergui Detachment, Topl. 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 Drawing 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 Drawing Office, (Trigl. Survey) . . . . .	...	Extra Asst. Supdt., 6th grade	1st May 1897.
Ditto . . .	Extra Asst. Supdt., 6th grade, ditto	18th Jan. 1898	.....	...

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 Divisions, Rev. and Cadl. Surveys	Dec. 1873	.....	...
Ditto . . .	Asst. Surveyor, 3rd grade, ditto	1st Aug. 1873	.....	...
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 1885	.....	...
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	.....	...
Ditto	Ditto, ditto (seconded) and Draftsman, attached to Head-Quarters Office	18th Jan. 1898	.....	...
Ditto	Ditto, 5th grade (seconded) and Head Draftsman, Head-Quarters Office	13th Apl. 1898	.....	...

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.

Debra Dun	Asst. Surveyor, 3rd grade, attached to Computing Office	12th Mar. 1887	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. 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.B., 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, attached to No. 15 Party, Topl. Survey	1st Apl. 1891	.....	..
Ditto	Sub-Asst. Supdt., 2nd grade, 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, Topl. Survey	1st Nov. 1895	.....	..
Ditto	Ditto 1st grade, ditto	26th Nov. 1895	.....	..
<i>Privilege leave for 3 months, from 8th January 1896.</i>				
<i>Served with the Tirah Expeditionary Force, from 12th September 1897.</i>				
Baluchistan	Sub-Asst. Supdt, 1st grade, attached to No. 15 Party, Topl. Survey	5th May 1898	.....	..

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 Tukht-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 1899-90 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. Served with the Tirah Expeditionary Force, from 12th September 1897.

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	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 1886.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Muzaffarpur .	Asst. Surveyor, 2nd grade, attached to No. 8 Party, Cadl. Survey	1st July 1886	.....	...
Beluchistan .	Ditto, ditto, attached to No. 16 Party, Topl. Survey	1st Oct. 1886	.....	...
Burma .	Ditto, ditto, attached to No. 24 Trigl. Survey	1st Oct. 1888	.....	...
<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 .	Ditto, 1st grade, ditto	13th Sept. 1892	.....	...
Ditto .	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Ditto .	Ditto, 2nd grade, (reorganisation)	23rd May 1893	.....	...
Ditto .	Ditto, 1st grade, 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>				
<i>Ditto for 1 month, from 2nd August to 1st September 1897.</i>				
Debra Dun .	Sub-Asst. Supdt., 1st grade, attached to Trigonometrical Branch Office	9th Oct. 1897	.....	...
Central Provinces.	Ditto ditto, on deputation, Forest Survey Department	15th Oct. 1897	.....	...

Hunter, Douglas John, B. A.—Joined the service, 11th November 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dun .	Proby. Sub-Asst. Supdt., 3rd grade, attached to Trigonometrical Branch Office (under training)	11th Nov. 1897	.....	...

Hunter, Harry Renfrew.—Joined the service, 11th November 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun .	Proby. Sub-Asst. Supdt., 3rd grade, attached to Trigonometrical Branch Office (under training)	11th Nov. 1897	.....	...

Ikbaluddin.—Joined the service, 6th April 1874.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Sub-Surveyor and Surveyor .	16th April 1874 to 7th Nov. 1897 .	.....	...
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 21 Party, Topl. Survey	8th Nov. 1897	.....	...

Served as Survey Officer with the Burma-China Boundary Delimitation Commission, 5th November 1897.

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, Topl. 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	14th Jan. 1893	.....	...
Ditto .	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan	Sub-Asst. Supdt., 2nd grade, attached to No. 15 Party, Topl. Survey	5th May 1893	.....	...
Ditto	Ditto, ditto, 3rd grade (reorganisation), attached to No. 15 Party, Topl. Survey	23rd May 1893	.....	...
Ditto	Ditto, 2nd grade, 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 Bahadur, and reward of Rs. 500. Served with Hazara Field Force in 1888, received 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	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Revenue Survey	1st Nov. 1897	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	17th Nov. 1897	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ranhee, 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.
Ranchee, 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>Ditto from 25th July to 8th August 1870.</i>				
Ranchee, Chota-Nagpur	Asst. Surveyor, 2nd grade, at- tached to No. 4 Party, Chota- Nagpur Division, Topl. Sur- vey	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, at- tached to No. 8 Party, Topl. Survey	1st Oct. 1876	.....	..
Ditto	Surveyor, 4th grade, attached to Nos. 8 and 9 Parties, Topl. Survey	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	Ditto, 3rd grade, ditto .	10th Nov 1890	.....	..
Ditto	Ditto, ditto, and Drafts- man, 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 2 months and 28 days, from 23rd June to 19th September 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	.....	...
Orissa	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. 1889	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, 4th grade, ditto	1st Jan. 1897	.....	...

Jarbo, William George.—Joined the service, 17th November 1897.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dun .	Proby. Sub-Asst. Supdt, 3rd grade, attached to Trigonometrical Branch Office (under training)	17th Nov. 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	13th Nov. 1889	.....	...
Ditto .	Ditto, ditto, attached to No. 9 Party	1st Nov. 1889	.....	...
Ditto .	Ditto, 2nd grade, ditto	8th May 1892	.....	...
Ditto .	Sub-Asst. Supdt., 2nd grade 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. P vinces. 10-	Proby. Asst. Surveyor, 3rd grade, attached to No. 4 Party, Revenue Survey .	18th Aug. 1884	.....	...
	Asst. Surveyor, 3rd grade, ditto .	18th Aug. 1885	.....	...
Ditto .	Ditto, 2nd grade, ditto .	1st Nov. 1888	.....	...
Upper Burma	Ditto, ditto, attached to No. 12 Party, Cadastral Survey .	20th Nov. 1890	.....	...
Ditto .	Ditto, 1st grade, ditto .	6th Dec. 1892	.....	...
Ditto .	Sub-Asst. Supdt., 1st grade, ditto .	18th Aug. 1892	.....	...
Ditto .	Ditto, 2nd grade (reorganisation), attached to ditt .	23rd May 1893	.....	...
Ditto .	Ditto, ditto, on deputation to Land Records Dept. .	7th Nov. 1895	.....	...
Ditto .	Ditto, 1st grade, 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, at- tached to Trigl. Survey Office .	1st June 1874	.....	...
<i>Privilege leave for 1 month, from 1st December 1875.</i>				
Bombay .	Asst. Surveyor, 4th grade, at- tached to Kathiawar Party, Topl. Survey .	1st Nov. 1876	.....	...
<i>Privilege leave for 1 month, from 25th April 1879.</i>				

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	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. Surevy	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, attached to Nicobar Topl. Party	1st Oct. 1886	.....	..
Debra Dun	Ditto, ditto, attached to Trigl. Survey Office	1st Oct. 1887	.....	..
<i>Privilege leave, from 26th September to 22nd December 1887.</i>				
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. 1898.
Ditto	Ditto, ditto, ditto	24th Jan. 1894	.. ..	..
Ditto	Extra Asst. Supdt., 6th grade, 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	.....	..
<i>Privilege leave for 2 months and 15 days, from 12th July to 26th September 1897, recalled.</i>				
Lushai	Extra Asst. Supdt., 6th grade, attached to No. 14 Party, (Lushai) Topl. Survey	1st Oct. 1897	.....	..
Ditto	Ditto ditto ditto . . . . .	...	In temporary charge, No. 14 Party, (Lushai) Topl. Survey	19th June 1898.

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 Cadl. Survey	1st Oct. 1878	.....	..
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Survey	1st Nov. 1879	.....	..
Ditto	Ditto, 2nd grade, ditto	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, ditto	23rd May 1893	.....	..
Ditto	Ditto, 5th grade, ditto	5th Feb. 1897	.....	..
<i>Privilege leave for 19 days, from 15th June 1898.</i>				

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. 1889	.....	..
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	.....	...
<i>Leave on medical certificate for 9 months, from 1st July 1897.</i>				
Madras	Extra Asst. Supdt., 6th grade, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Apl. 1898	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	7th June 1898	.....	...

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	.....	...
Bengal	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	18th Aug. 1892	.....	...
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Revenue Survey	1st Nov. 1892	.....	...
Ditto	Extra Asst. Supdt., 6th grade, ditto	23rd May 1893	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Nov. 1895	.....	...
<i>Privilege leave for 3 months, from 18th November 1897, returned to duty 11th February 1898.</i>				
Baluchistan	Extra Asst. Supdt., 5th grade, attached to No. 15 Party, Topl. Survey	4th June 1898	.....	...

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. Provinces.	Asst. Surveyor, 4th grade, attached to No. 6 Party, Cadl. 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 Dist. 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. 1898	.. ...	...
Ditto . . .	Sub-Asst. Supdt., 1st grade, 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	27th Mar. 1895	.....	..
Ditto . . .	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	1st Oct. 1895	.....	...

Lee, Charles Graham.—Joined the service, 1st December 1893.

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. 1894	.....	...
Bihar . . .	Ditto, ditto, attached to No. 8 Party, Cadl. Survey	1st Nov. 1885	.....	...
Ditto . . .	Asst. Surveyor, 3rd grade, ditto	1st Mar. 1886	.....	...
Chittagong . . .	Ditto, ditto, attached to Chittagong Detachment, Cadl. Survey	1st Dec. 1888	.....	...
Ditto . . .	Ditto, 2nd grade, 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	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	.....	...
<i>Privilege leave for 1 month, from 20th September 1897.</i>				
Bihar	Sub-Asst. Supdt., 1st grade, attached to No. 4 Party (Bihar)	20th Oct. 1897	.....	...
Siam	Ditto, ditto, on deputation to Siam Government . . . . .	...	.....	...

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	10th Jan. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
<i>Leave on medical certificate, from 6th to 16th and 26th to 30th September 1894.</i>				
Central Provinces	Sub-Asst. Supdt., 2nd grade, attached to Forest Survey Department.	1st Nov. 1894	.....	...
<i>Privilege leave for 1 month, from 20th June 1898.</i>				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Apprentice, attached to 1st Divn., Revenue Survey . . .	1st Jan. 1860	.....	...
Central Provinces	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	1st July 1867	.....	...
Ditto	Ditto, 2nd grade, ditto	5th Nov. 1868	.....	...
Ditto	Ditto, 1st grade, 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	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	23rd Sept. 1883	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 5 Party, Revenue and Cadastral Survey	11th July 1887.
Ditto	Ditto, ditto, ditto	14th Sept. 1887	.....	...
Central Provinces	Ditto, ditto, in charge of Bulaghat detachment, Revenue Survey	1st Nov. 1888	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	1st Nov. 1889	.....	...
Ditto	Ditto, 2nd grade, 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	18th Aug. 1892	.....	...
Ditto	Ditto, 3rd grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to No. 3 Party, Cadastral Survey	1st Nov. 1895	.....	...
Ditto	Ditto, 2nd grade, ditto	1st Apl. 1896	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 3 Party, Cadastral Survey	12th Dec. 1896.
Ditto	Ditto, ditto, ditto	3rd Nov. 1897	.....	...
Ditto	Ditto, 1st grade, ditto	14th Dec. 1897	.....	...

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	.....	...
Ditto	Sub.-Asst. Supdt., 3rd grade, ditto . . .	15th Nov. 1897	.....	...
N.-W. Provs. and Oudh.	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Jan. 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussoorie	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	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	4th Nov. 1890	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, 5th grade (reorganisation), ditto . . .	23rd May 1893	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1893	.....	...

Under suspension (on half 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 Provinces	Asst. Surveyor, 1st grade, on deputation, Forest Survey Dept.	6th Oct. 1888	.....	...
...	Sub-Asst. Supdt, 1st grade, ditto	18th Aug. 1892	.....	...
<i>Privilege leave for 2½ months, from 8rd August 1894.</i>				
...	Extra Asst. Supdt., 6th grade, on deputation, Forest Survey Department	27th Oct. 1895	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Provinces.	Surveyor, attached to Forest Survey Department	14th March 1874	.....	...
Central Provinces	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	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	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>				
Himalayas	Asst. Surveyor, 1st grade, attached to Kumaon 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 1873.</i>				
<i>Ditto from 4th September to 1st November 1882.</i>				
<i>Leave on medical certificate for 1 month, from 30th December 1882.</i>				
Bombay	Surveyor, 4th grade, attached to Gujarat Topl. Survey	30th Jan. 1883	.....	...
Debra Dun	Ditto, ditto, attached to Drawing Section, Trigl. Branch Office	1st Feb. 1885	.....	...
Ditto	Ditto, 3rd grade, ditto	1st July 1886	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 2nd grade, ditto	8th Nov. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation), ditto	23rd May 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 2 months, from 3rd January 1895.</i>				
Dehra Dun	Extra Asst. Supdt., 3rd grade attached to Drawing Section, Trigl. Franch Office	26th Nov. 1895	.....	...
Ditto	Ditto, 2nd grade, ditto	14th Dec. 1897	.....	...

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, Cadl. Survey	1st Jan. 1874	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	1st Nov. 1876	.....	...

Furlough out of India, from 1st January to 31st December 1879.

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, Rev. and Cadl. Survey	7th Oct. 1884	.....	...
Ditto	Ditto, ditto ditto	.....	Surveyor, 4th grade	24th Nov. 1888.
Ditto	Surveyor, 4th grade, ditto	16th May 1889	.....	...
Bengal	Ditto, ditto, ditto	1st Nov. 1889	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade (reorganisation) 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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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	.....	..
<i>Privilege leave for 2 months, from 1st September 1897.</i>				
N.-W. Provs. and Oudh.	Extra Asst. Supdt., 5th grade, attached to No. 2 Party, Rev. Survey . . .	1st Sept. 1897	.....	..
Ditto	Ditto, ditto, Nos. 2 and 8 Parties, Rev. Survey . .	1st Nov. 1897	.....	..
Ditto	Ditto, 4th grade, ditto . . .	14th Dec. 1897	.....	..

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N. W.-P. and Ondh.	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, Rev. 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 . . .	23rd May 1893	.....	..

Privilege leave from 15th August to 12th October 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. P. and Oudh.	Extra Asst. Supdt., 6th grade, attached to No. 8 Party, Rev. Survey	1st Oct. 1896	.....	...
Ditto	Ditto, 5th grade, ditto	1st Jan. 1897	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 1897	.....	...
<i>Privilege leave for 1 month, from 1st May 1898.</i>				

Murphy, Joseph 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	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	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, Cndl. Survey	1st Dec. 1896	.....	...
<i>Privilege leave for 3 months, from 16th June 1897.</i>				
N.-W. Provs. and Oudh.	Sub-Asst. Supdt., 2nd grade, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Sept. 1897	.....	...
N.-W. Provinces.	Ditto, ditto, on deputation, Settlement Department	1st Oct. 1897	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Jan. 1898	.....	...

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, Cadl. 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 2 months and 29 days, from 9th June to 6th September 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 (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Sub.-Asst. Supdt., 2nd grade, ditto	25th Nov. 1893	.....	...
Ditto	Ditto, 1st grade, ditto	13th Apl. 1898	.....	...

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	27th Mar. 1895	.....	...

Privilege leave for 2 months and 26 days, from 12th July to 7th October 1895.

Ditto for 1 month, from 15th October 1897.

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	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	.....	...
N.-W. Provs. and Oudh.	Ditto ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 1897	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	10th Dec. 1897	.....	...

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. Rev. Survey	1st Oct. 1863	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	1st Oct. 1866	.....	...
Oudh	Ditto, 2nd grade, attached to 3rd Divn., Rev. Survey	1st Oct. 1869	.....	...
N.-W. Provinces	Ditto, 1st grade, attached to 3rd Divn., Cadl. Survey	1st Oct. 1872	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	1st Nov. 1878.
Ditto	Ditto, ditto, attached to 6th Divn., Cadl. 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., Cadl. Survey	21st Mar. 1879	Ditto ditto	21st Mar. 1879.
Ditto	Surveyor, 4th grade, ditto	22nd Oct. 1879	.....	...
Lower Burma	Ditto, ditto, attached to No. 8 Party, Cadl. 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., Cadl. 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, (reorganization), 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	18th Aug. 1892	.....	...
Upper Burma	Ditto, ditto, attached to No. 3 Party, Cadl. Survey	28th Oct. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	23rd Nov. 1892	.....	...
Ditto	Ditto, ditto 2nd grade, ditto	25th Oct. 1895	.....	...
<i>Privilege leave for 3 months, from 10th August 1897.</i>				
N.-W. Provs. and Oudh.	Sub-Asst. Supdt., 2nd grade, attached to Nos. 2 and 8 Parties, Rev. Survey	10th Nov. 1897	.....	...

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, Rev. Survey	18th Nov. 1870	.....	...
Bombay	Ditto, ditto, attached to 2nd Division, Rev. Survey	Nov. 1872	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bengal	Proby. Asst. Surveyor, 3rd grade, attached to 3rd Division, Rev. Survey	31st Dec. 1872	.....	...
Ditto	Ditto, 3rd grade, ditto	8th July 1874	.....	...
Chota Nagpur	Ditto, ditto, attached to Cadl. Survey	Nov. 1877	.....	...
Burma	Ditto, ditto, ditto	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	18th Aug. 1892	.....	...
Ditto	Ditto, 6th grade (reorganisation) 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, Rev. 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	.....	...
Simla	Ditto, ditto, attached to No. 18 Party (Himalaya)	4th Jan 1898	.....	...

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., Rev. Survey	11th Aug. 1869	.....	...
Bombay	Ditto, ditto, attached to 2nd Divn. or No. 11 Party, Topl. Rev. 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. Rev. Survey	4th June 1873	.....	...
Ditto . . .	Ditto, 2nd grade, ditto	1st Jan. 1878	.....	...
Burma . . .	Ditto, ditto, attached to No. 8 Party, Cadl. 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), Cadl. Survey	1st June 1891	.....	...
Ditto . . .	Sub-Asst. Supdt., 1st grade, 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, Cadl. 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.
Ditto . . .	Ditto, ditto	25th Aug. 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	1st Nov. 1896	.....	...
Ditto	Ditto ditto, 2nd grade, ditto	5th Feb. 1897	.....	...
Baluchistan	Ditto ditto, attached to No. 15 Party, Topl. Survey.	1st Oct. 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	.....	...
N.W. Provinces	Ditto, ditto, attached to No. 2 Party, Rev. Survey	17th Nov. 1895	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	15th Oct. 1896	.....	...
Ditto	Ditto, 2nd grade, ditto	21st Mar. 1897	.....	...
Ditto	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 1897	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	10th May 1898	.....	...

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>				
Mussooree	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)	...
Burma	Ditto, ditto, attached to Eastern Frontier Series (Great Trigl. Survey)	1st Oct. 1880	.....	November 1877.
Mysore	Ditto ditto, attached to No. 8 Party, Topl. Survey	8th April 1882	.....	...
Ditto	Surveyor, 3rd grade, ditto	1st Nov. 1883	.....	...
Mirzapur and Hoshangabad	Ditto, ditto, attached to No. 14 Party, Topl. (Forest) Survey	16th July 1885	.....	...
Dehra 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 (reorganisation) 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 (supernumerary) ditto	1st April 1896	.....	...
<i>Privilege leave for 3 months, from 17th May 1897.</i>				
Simla	Extra Asst. Supdt., 1st grade (supernumerary), attached to No. 18 Party (Himalaya)	17th Aug. 1897	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 18 Party (Himalaya)	20th Aug. 1897.
Ditto	Ditto, ditto, ditto	1st Nov. 1897	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 18 Party, Himalaya	17th Nov. 1897.

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. 1883.
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 . . .	18th Aug. 1892	.....	...
Ditto .	Ditto, 5th grade (reorganisation) 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 ditt . . .	...
Ditto .	Ditto, ditto, ditto . . .	2nd July 1895	.....	...
Ditto .	Ditto, ditto, ditto . . .	... ..	Ditto ditto . . .	15th Jan. 1896.
Ditto .	Ditto, ditto, ditto . . .	12th Nov. 1896	.....	...
Ditto .	Ditto, ditto, ditto . . .	...	In temporary charge, No. 18 Party, Topl. Survey . . .	6th Aug. 1897.
Ditto .	Ditto, ditto, ditto . . .	20th Aug. 1897	.....	...

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, Cadl. Survey . . .	1st Nov. 1886	.....	..
Ditto .	Ditto, ditto, attached to No. 4 A Party, Cadl. Survey . . .	1st May 1887	.....	..
Ditto .	Asst. Surveyor, 3rd grade, ditto	23rd Sept. 1887	.....	..
Bengal .	Ditto, ditto, attached to Burdwan Raj Cadl. 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, Cadl. Survey . . .	20th Mar. 1890	.....	..
Ditto .	Ditto, 2nd grade, ditto .	5th May 1890	.....	..
Ditto .	Sub-Asst. Supdt., 2nd grade, 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, Rev. Survey . . .	13th Oct. 1895	.....	..
Ditto .	Ditto, 1st grade, ditto .	27th Oct. 1895	.....	..
Ditto .	Ditto, ditto, on deputation to Settlement Department . . .	3rd Oct. 1896	.....	..
<i>Privilege leave for 1 month and 10 days, from 1st September 1897.</i>				

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, Cadl. Survey . . .	22nd Nov. 1891	.. ..	..

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadl. 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. Provinces	Ditto ditto, attached to No. 4 Party, Cadl. 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, Cadl. 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, Cadl. Survey	15th Oct. 1892	.....	...
Lower Burma	Ditto, ditto, attached to No. 7 Party, Cadl. Survey	1st Dec. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Lower Burma	Extra Asst. Supdt., 4th grade, (reorganisation) attached to No. 7 Party, Cadl. Survey	23rd May 1893	.....	...
Ditto	Ditto, 3rd grade, ditto	18th Dec. 1893	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge No. 7 Party, Cadl. Survey	13th April 1895.
Ditto	Ditto, ditto, ditto	13th July 1895	.....	...
Ditto	Ditto, 2nd grade, ditto.	2nd Sept. 1897	.....	...
Ditto	Ditto, ditto, ditto.	...	In temporary charge, No. 7 Party, Cadl. Survey	5th Sept. 1897.
	Ditto, ditto, ditto.	16th Dec. 1897	.....	...

Privilege leave for 3 months, from 3rd June 1898.

Extraordinary Services.—Completed first class series of triangulation from Jacobabad to Southern Afghanistan during Afghan war of 1878-79. Mentioned in despatches. Fired upon by Marris and Bughtis. Withdrawn to Quetta by Agent, Governor-General, twice. Military guard increased and Baluch escort added. Recommended for reward for being in exceptional danger in an unsettled country and removed from the protection of the Army.

Assisted in initiating and inaugurating system of cadastral-cum-settlement operations in the North-Western Provinces. Tabulated and compiled original professional instructions for Revenue Branch and helping Major Barron in drawing up first Hand-Book, who wrote that my "services for this entitled me to some consideration from Government" and the Settlement Officer said that "invaluable and was rendered."

Completed large scale and special surveys of Benares and other towns in the North-Western Provinces and of Moulmein and Rangoon in Burma. Received thanks of Deputy Commissioner, Town Lands, Rangoon, on behalf of Government, and special thanks of Municipality and Boundary Officer. Colonel Sandeman, Deputy Surveyor General, pronounced Rangoon Town survey "faultless" and wrote "he had never seen any work so accurate."

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dun	Computer, attached to Trigonometrical Survey Office.	1st Dec. 1873	.....	...
Ditto	Asst. Surveyor, 4th grade, 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	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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 17 days, from 10th July 1893.</i>				
<i>Ditto 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	.....	...
<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 2 months and 28 days, from 2nd September 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 ditto . . . . .	...	Extra Asst. Supdt., 6th grade	24th Oct. 1893.
Ditto	Extra Asst. Supdt., 6th grade, 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, Rev. 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	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-Asst. Supdt., 2nd grade attached to No. 8 Party, Rev. Survey	1st Dec. 1894	.....	...
N.-W. Provinces.	Ditto, ditto, on deputation, Settlement Department	1st Oct. 1897	.....	...
Ditto	Ditto, 1st grade, ditto	4th June 1898	.....	...

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-Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
Central Provinces.	Ditto, ditto, attached to No. 14 Party, Topl. (Forest) Survey	1st Oct. 1892	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	1st Dec. 1892	.....	...
Ditto	Ditto, 2nd grade, ditto	27th Mar. 1895	.....	...
Siud	Ditto ditto, attached to No. 12 Party, Topl. Survey	1st Nov. 1896	.....	...

Privilege leave for 2 months and 18 days, from 5th July 1897.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	Sub-Asst. 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	Ditto, 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	18th Aug. 1892	.....	...
Ditto	Ditto, 4th grade (reorganisation) ditt	23rd May 1893	.....	...
<i>Privilege leave for 3 months, from 10th July 1893.</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>				
<i>Furlough to Europe for 1 year, from 27th March 1898.</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	.....	..
Mussoorie	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	23rd May 1893	.....	..
<i>Privilege leave for 1 month and 24 days, from 11th June 1894.</i>				
Simla	Extra Asst. Supdt., 5th grade, attached to No. 18 Party, 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, 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, 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	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto (seconded) ditto	27th Oct. 1895	.....	...
Ditto	Ditto, 4th grade, (seconded) ditto	14th Dec. 1897	.....	...

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	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto	24th Apl. 1885	.....	...
Bombay	Ditto, ditto, attached to No. 17 Party, Forest Topl. Survey	20th Feb. 1888	.....	...
<i>Privilege leave for 2 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 2 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	18th Aug. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	27th Mar. 1895	.....	...
<i>Privilege leave for 3 months, from 14th August 1896.</i>				
Upper Burma	Sub-Asst. Supdt., 1st grade, attached to No. 10 Party, Topl. Survey	14th Nov. 1896	.....	...
<i>Privilege leave for 1 month, from 1st June 1898.</i>				

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	.....	...
Central Provinces	Ditto, ditto attached to No. 14 Party, Topl. Survey	1st Oct. 1889	.....	...
Dehra Dun .	Ditto, ditto, attached to Computing Office	30th June 1890	.....	...
Ditto .	Ditto, 2nd grade, ditto	13th Sep. 1892	.....	...
Ditto .	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...
Upper Burma	Ditto, ditto, attached to No. 11 Party, Topl. Survey	30th 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 .	Ditto 3rd grade (reorganisation), ditto	3rd May 1893	.....	...
Ditto .	Ditto, 2nd grade, ditto	14th Aug. 1893	.....	...
<i>Privilege leave for 1 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	1st May 1873	.....	...
N.-W. P. .	Ditto, ditto, attached to 4th Division, Cadl. Survey	1st Dec. 1872	.....	...
<i>Privilege leave for 2 months, from 21st March 1874.</i>				
Bengal . .	Asst. Surveyor, 3rd grade, attached to 8th Division (Western Sonne Irrigation). Cadl. Survey	1st Oct. 1874	.....	...
Ditto . .	Ditto, 2nd grade, ditto	1st Jan. 1878	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 1st August 1878.</i>				
Assam . . .	Asst. Surveyor, 2nd grade, attached to 8th 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, Cadl. 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	.....	...
<i>Privilege leave for 3 months, from 24th June 1892.</i>				
Calcutta . . .	Surveyor, 4th grade, attached to Head-Quarters Office . . .	1st July 1892	.....	...
Ditto . . .	Extra Asst. Supdt., 4th grade, 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 . . .	13th Oct. 1896	.....	...
Ditto . . .	Ditto, ditto, and Draftsman attached to Head-Quarters Office . . .	5th Feb. 1897	.....	...
<i>Privilege leave, from 12th March to 12th April 1897.</i>				
Calcutta . . .	Extra Asst. Supdt., 5th grade, and Head Draftsman, Head-Quarters Office . . .	1st Sept. 1897	.....	...
<i>Privilege leave for 1 month and 2 days from 13th December 1897; re-called to duty 15th January 1898.</i>				
N.-W. P. and Oudh. . .	Extra Asst. Supdt., 5th grade, attached to Nos. 2 and 8 Parties, Rev. Survey . . .	18th Jan. 1898	.....	...

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	.....	...
Ditto	Ditto, ditto, attached to Nos. 9 and 19 Partics, (Forest) Topl. Survey	1st Sept. 1897	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Du n .	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	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, 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 3 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, Cadl. 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, Rev. Survey	1st Oct. 1885	.....	...
Ditto	Asst. Surveyor, 3rd grade, ditto ditto	25th Feb. 1886	.....	...
Calcutta	Ditto, ditto, attached to Calcutta City Survey	5th Nov. 1886	.....	...
Ditto	Ditto, 2nd grade, 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 1892.
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	Ditto ditto . . . . .	...
Ditto	Ditto, ditto, attached to No. 2 Party, Cadl. Survey	14th Oct. 1892	... ..	...
Ditto	Ditto, 1st grade, 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	27th Apl. 1895	.....	...
<i>Leave on medical certificate for 4 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 (seconded), and Draftsman, Additional Establishment, Head-Quarters Office	5th Feb. 1897	.....	...
Ditto	Ditto, ditto . . . . .	...	In temporary charge, Bengal Drawing Office	12th Feb. 1897.

Privilege leave for 1 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, Cadl. Survey	1st Oct. 1881	.....	...
Ditto .	Asst. Surveyor, 3rd grade, ditto	7th Mar. 1882	.....	...
Ditto .	Ditto, 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 .	Ditto, 1st grade, ditto	1st Mar. 1891	.....	...
Ditto .	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
<i>Leave on medical certificate, from 21st December 1894 to 1st September 1895.</i>				
Hazaribagh .	Sub-Asst. Supdt, 1st grade, "On cooly recruitment work"	2nd Sep. 1895	.....	...
Ondh	Ditto, ditto, on deputation to the Settlement Department	12th Nov. 1895	.....	...
Ditto	Ditto, ditto, ditto . . . . .	...	Extra Asst. Supdt., 6th grade	1st July 1897.
Ditto	Extra Asst. Supdt., 6th grade, ditto	1st Mar. 1898	.....	...

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. 1888	.....	...
Tippera District, Eastern Bengal	Ditto, ditto, attached to No. 2 Party, Cadl. Rev. Survey	1st Dec. 1889	.....	...
Julpaiguri District, Western Duars	Ditto, ditto, attached to No. 4 Party	1st Nov. 1891	.....	...
Ditto	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...
Champaran 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 Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1894	.....	...
Calcutta	Ditto, ditto, Bengal Drawing Office	1st Feb. 1895	.....	...
Darjeeling Terai	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	3rd Aug. 1895	.....	...
Shahjahanpur District, N.-W. P.	Ditto, ditto, on deputation to Settlement Department	15th Oct. 1895	.....	...
Ditto	Extra Asst. Superintendent, 6th grade, ditto	18th Oct. 1896	.....	...
<i>Privilege leave for 3 months, from 1st July 1898.</i>				

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	1st Jan. 1865	.....	...
Ditto	Sub-Asst. Surveyor, 4th grade, ditto	1st Apl. 1866	.....	...
Ditto	Asst. Surveyor, 3rd grade, 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	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 ditto . . . . .	...	Surveyor, 4th grade, attached to 8th Divn. Rev. Survey	7th Nov. 1882.
Ditto	Surveyor, 4th grade, ditto	5th Sept. 1883	.....	...
Bengal	Ditto, ditto, attached to Moznufferpore 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. 3 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	.....	...
Ditto . .	Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 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. 1895	.....	...
Ditto . .	Ditto, 2nd grade, ditto	29th Aug. 1888	.....	...
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 Head-Quarters Office . .	7th Mar. 1895	.....	...
Ditto . .	Ditto, 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, ditto	21st July 1883	.....	...
Calcutta	Ditto, ditto, and Draftsman, attached to Head-Quarters Office	24th June 1884	.....	...
Ditto	Ditto, 3rd grade, and ditto, 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	18th Aug. 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	.....	...
Ditto	Ditto, ditto (confirmed).	13th Apl. 1898	.....	...

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 (reorganisation), 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	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	12th 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, 1st grade, ditto	6th Oct. 1883	.....	...
Ditto	Asst. Surveyor, 1st 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	.....	...
Bombay	Ditto, ditto, attached to Cutch Party, Topl. Survey	1st Nov. 1885	.....	...
Central Provinces	Ditto, ditto, attached to Raipur Rev. Survey	1st Nov. 1886	.....	...
Bombay	Ditto, ditto, attached to No. 10 Party, Topl. Survey	1st Mar. 1888	.....	...
Ditto	Ditto, 3rd grade, ditto	8th May 1892	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, 5th grade, (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to No. 17 Party, Topl. (Forest) Survey	13th Nov. 1893	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	28th Apl. 1894.
Ditto	Ditto, ditto, ditto	11th May 1894	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	27th July 1894.
Ditto	Ditto, ditto, ditto	27th Oct. 1894	.....	...
Ditto	Ditto, 4th grade, ditto	27th Mar. 1895	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	25th Jan. 1896.
Ditto	Ditto, ditto, ditto	21st May 1896	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	16th Sep. 1896.
Ditto	Ditto, ditto, ditto	2nd Nov. 1896	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Jan. 1897	.....	...
Ditto	Ditto, ditto, ditto	...	In temporary charge, No. 17 Party, Topl. (Forest) Survey	8th Sep. 1897.
Ditto	Ditto, ditto, ditto	6th Jan. 1898	.....	...

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 Sep. 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	18th Aug. 1892	.....	...
Aden	Ditto, ditto, in charge of Aden Detachment, Topl. Survey	15th Oct. 1893	.....	...
Sind	Ditto, ditto, in charge of Indus Riverain Detacht., Rev 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	26th Nov. 1895	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st July 1896.	.....	...
<i>Privilege leave for 3 months, from 4th May 1898.</i>				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Komsan 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. 1869	.....	...
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 ditto	...	Surveyor, 4th grade	16th Apl. 1883.
Ditto	Surveyor, 4th grade, ditto	6th Oct. 1883	.....	...
Madras	Ditto, ditto, attached to No. 19 Party, Topl. (Forest) Survey	19th Aug. 1886	.....	...
Ditto	Ditto, 3rd grade, ditto	1st Mar. 1891	.....	...
Ditto	Extra Asst. Supdt., 3rd grade, ditto	18th Aug. 1892	.. ..	...
Ditto	Ditto, 4th grade (reorganisation), ditto	23rd May 1893	.....	...
Ditto	Ditto, ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sep. 1897	.....	...
Ditto	Ditto, 3rd grade, ditto	2nd Sep. 1897	.....	...

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. Survey	1st Feb. 1878	.....	...
Ditto	Ditto, ditto	...	Surveyor, 4th grade	21st Apl. 1882.
Bombay	Ditto, ditto, attached to No. 11 Party, Topl. 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	Surveyor, 4th grade, attached to No. 11 Party, Topl. 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	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., 5th grade, attached to No. 19 Party, Topl. (Forest) Survey	27th Oct. 1895	.....	...
Ditto	Ditto, 4th grade, ditto	12th Dec. 1896	.....	...
Ditto	Ditto, ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sep. 1897	.....	...

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	Ditto, 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	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 Provinces	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 Provinces	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	18th Aug. 1892	.....	...
Bihar	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1892	.....	...
Ditto	Extra Asst. Supdt., 4th grade, ditto	6th 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	.....	...
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	1st Dec. 1892	.....	...
Bengal	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Ditto	Ditto, ditto, attached to Singhbhum 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	Ditto, 2nd grade, 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	.....	...
Ditto	Ditto, 3rd grade, ditto	7th Aug. 1897	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	16th Oct. 1897	.....	...
Ditto	Ditto, 2nd grade, ditto	13th Apl. 1898	.....	...

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	.....	...
Ditto	Ditto, ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sep. 1897	.....	...
Bnd	Ditto, ditto, attached to No. 12 Party, Topl. Survey	21st Oct. 1897	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	25th Nov. 1897	.....	...

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	.....	...
Ditto .	Asst. Surveyor, 3rd grade, ditto	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 1884.</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>				
Dehra Dun .	Surveyor, 4th grade, attached to Trigl. Survey Office	1st Nov. 1888	.....	...
Baluchistan .	Ditto, ditto, attached to No. 15 Party, Topl. Survey	30th Sep. 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	.....	...
<i>Served as Survey Officer with Tirah Expeditionary Force, from 16th September to 20th December 1897.</i>				
Baluchistan .	Extra Asst. Supdt., 4th grade, attached to No. 15 Party, Topl. Survey	21st Dec. 1897	.....	...

War Services.—Served as Survey Officer with the Tirah Expeditionary Force, from 16th September to 20th December 1897; mentioned in Despatch.

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 April 1879	.....	...
Afghanistan .	Ditto, ditto, on duty with the Southern Afghanistan Field Force . . .	21st April 1879	.....	...
Dehra Dun .	Ditto, 4th grade, attached to Computing Office . . .	1st Oct. 1879	.....	...
Simla . . .	Ditto, ditto, attached to No. 7 Party, Topl. Survey .	1st Oct. 1879	.....	...
Ditto . . .	Ditto, 3rd grade, ditto . . .	1st April 1881	.....	...

Privilege leave, from 4th to 31st August 1881.

Lower Burma	Asst. Surveyor, 3rd grade, attached to Mergui Base Line Survey, or Bombay Party, Trigl. Survey	1st Oct. 1881
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Privilege leave for 1 month, from 11th September 1882.

Darjeeling .	Asst. Surveyor, 3rd grade, attached to Darjeeling-Nepal Boundary Survey	1st Nov. 1882
Dehra Dun .	Ditto, 2nd grade, ditto	1st Oct. 1884	.....	...
Madras . . .	Ditto, ditto, attached to Coast Triangulation Party	1st July 1885	In temporary charge, Coast Triangulation Survey Party	1886.
Andaman and Nicobars.	Ditto, ditto, attached to Andaman and Nicobars Topl. Survey	1st Aug. 1886	.....	...
Madras . . .	Ditto, ditto, attached to No. 19 Party, Topl. Survey	1st Oct. 1887	.....	...

Privilege leave for one month, from 17th September 1888.

Calcutta . .	Asst. Surveyor, 2nd grade, attached to Head-Quarters Office	1st April 1889
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Leave on medical certificate, from 8th May to 6th October 1889.

Simla	Asst. Surveyor, 2nd grade, attached to No. 18 Himalaya Party, Topl. Survey	1st Oct. 1889
Ditto	Ditto, 1st grade, ditto	5th May 1890	.....	...
Ditto	Sub.-Asst. Supdt., 1st grade, ditto	18th Aug. 1892	.....	...

Privilege leave for 3 months, from 15th July to 14th October 1893.

Privilege leave for 2 months, from 16th November 1895.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces.	Sub.-Asst. Supdt, 1st grade, attached to No. 14 Party.			
	(Forest) Topl. Survey	1st Oct. 1896	.....	...
Ditto .	Extra Asst. Supdt., 6th grade, ditto	21st Mar. 1897	.....	...
Lushai .	Ditto, ditto, attached to No. 14 Party, (Lushai) Topl. Survey	1st Oct. 1897	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Panjab .	Preby. Asst. Surveyor, 3rd grade, attached to No. 1 Party, Rev. Survey	4th Mar. 1886	.....	...
Ditto .	Asst. Surveyor, 3rd grade, ditto	1st April 1887	.....	...
Upper Burma .	Ditto, ditto, attached to No. 3 Party, Cadl. and Topl. Survey	11th Oct. 1889	.....	...
Ditto .	Ditto, 2nd grade, ditto	1st Feb. 1890	.....	...
Ditto .	Sub-Asst. Supdt., 2nd grade, 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	.....	...
Siam .	Ditto, ditto, on deputation to Siam Government . . . . .	...	.....	...

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	1st Sep. 1873	.....	...
Khandesh (Bombay)	Ditto, ditto, attached to No. 2 Party, Topl. Survey	15th Aug. 1876	.....	...
Ditto	Ditto 2nd grade, ditto.	1st Nov. 1879	.....	...
Kohat	Ditto, Topl. Survey	1st June 1883	.....	...
<i>Discharged from Service, 12th November 1883.</i>				
<i>Re-entered as Temporary Draftsman, 5th March 1884.</i>				
Dehra Dun	Asst. Surveyor, 3rd grade, attached to Dehra Cndl. and Topl. Surveys	13th Nov. 1884	.....	...
N.-W. Provinces (Mirzapur)	Ditto, ditto attached to No. 5 Party, Rev. Survey	1st Mar. 1885	.....	...
Dehra Dun	Ditto, ditto, attached to Computing Oce	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	Ditto, 2nd grade, ditto	1st Oct. 1889	.....	...
Simla	Ditto, ditto, attached to Drawing Office	1st May 1890	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, 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.

Ceron.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bhra	Proby. Asst. Surveyor, 4th grade, attached to Computing Office	2nd July 1875	.....	...
Don and Arhwal	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>				
	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>				
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 Cadl. 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	.....	...
<i>Privilege leave for 1 month, from 3rd May 1898.</i>				

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	.....	...
Burma	Ditto, ditto, 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 Sep. 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, Rev. 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	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	Proby. Sub-Asst. Supdt., 3rd grade, attached to Drawing Office	16th Sep. 1893	.....	...
Baluchistan	Ditto, ditto, attached to No. 15 Party, Topl. Survey	1st Mar. 1894	.....	...
Ditto	Sub-Asst. Supdt., 3rd grade, ditto	16th Sep. 1894	.....	...
N.-W. Provinces	Ditto, ditto, attached to No. 8 Party, Revenue Survey	25th Oct. 1895	.....	...
Ditto	Ditto, 2nd grade, ditto	13th Oct. 1896	.....	...
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	23rd Oct. 1897	.....	...
Ditto	Ditto, 3rd grade, ditto	1st June 1898	.....	...

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>Ditto Ditto 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. Provinces.	Ditto, ditto, attached to Cadl. Survey	Nov. 1872	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bahawalpur .	Asst. Surveyor, 3rd grade, attached to Rev. 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. Provinces.	Ditto, ditto, attached to No. 3 Party, Rev. Survey	Dec. 1877	.....	...
Ditto .	Ditto 1st grade, ditto	1879	.....	...
Punjab .	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	April 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 (reorganisation), 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>				
Upper Burma	Extra Asst. Supdt., 5th grade, attached to No. 3 Party, Cadl. Survey .	1st June 1897	... ..	...
Lower Burma .	Ditto, ditto, attached to No 20 Party (Forest) Topl. Survey .	14th May 1898	.....	...

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Proby. 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. Supdt., 3rd grade, attached to No. 19 Party, (Forest) Topl. Survey .	4th Sep. 1894	.....	...
Ditto	Ditto, 2nd grade, ditto .	1st Jan. 1897	.....	...
Ditto	Ditto, ditto, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey .	1st Sep. 1897	.....	...

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	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	.....	...
Ditto	Ditto, 2nd grade, ditto	17th Mar. 1892	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...
Ditto	Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Surveys	1st Oct. 1892	.....	...
Bar .	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	.....	...
Burma .	Ditto, ditto, on deputation, Land Records Department	1st April 1894	.....	...

Privilege leave for 3 months, from 11th September to 10th December 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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	Ditto, 2nd class, attached to the Khasi and Garo Hills Topl. Survey	1st April 1868	.....	...
Chota Nagpur	Ditto, 1st class, attached to No. 4 Party, Topl. Survey	1st Nov. 1868	.....	...
Ditto	Surveyor, 4th grade, ditto	1st April 1874	.....	...
Bombay and Native States	Ditto, ditto, attached to No. 4 Party, Khandesh Topl. Survey	...	.....	...
Ditto	Ditto, 3rd grade, 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	.....	...
Upper Burma	Ditto, ditto 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	23rd May 1893	.....	...
Ditto	Ditto, ditto	...	Head Draftsman, Head-Quarters Office	15th July 1893.
Ditto	Ditto, ditto	15th Oct. 1893	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 2 months and 16 days, from 6th August 1894.</i>				
Poona	Extra Asst. Supdt., 2nd grade, attached to No. 10 Party, 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>				
Madras	Extra Asst. Supdt., 2nd grade, attached to Nos. 9 and 19 Party (Forest) Topl. Survey	1st Sept. 1897	.....	...
Calcutta	Ditto, ditto, attached to Head-Quarters Office	27th April 1898	.....	...

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	.....	...
N.-W. Frontier	Ditto, ditto, 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	10th Nov. 1890	.....	...
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892	.....	...

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan .	Sub-Asst. Supdt., 1st grade, attached to No. 15 Party, Topl. Survey	12th Nov. 1895	.....	...
<i>Privilege leave for 2 months, from 4th October 1897, re-called 4th November 1897.</i>				
<i>Ditto for 40 days, from 1st March 1898.</i>				

Extraordinary Services.—On special duty season 1881-82; employed on the survey of Mussa Darra in the Jawaki Afridi country, under Major T. H. Holdich, R. E. Received the thanks of the Government of India.

On special survey duty in November and December 1883 with the Takht-i-Suliman expedition and subsequently in the Gomal and Khajuri Kach pass. Was personally thanked by the Lieutenant-Governor of the Punjab in a public Durbar held at Dera Ismail Khan.

Attached to survey party with the Zhob Valley expedition, November and December 1884, under Captain R. A. Wahab, R. E. Mentioned in despatches.

In season 1884-85 employed on special survey of the Derajat Frontier from the Gomal to Ekbbhai on the south. This included the country occupied by the important tribes of Mizri Ustarana, Isot, Khosa, Bozdar and Musakhel. The Vihowa pass was also carefully mapped.

Attached to survey party with the Russo-Afghan Boundary Commission in 1887-88. Received the title of Khan Babadur. Was deputed a second time under Major Peacock, R. E., to demarcate a disputed portion of the boundary and received a khelat of Rs. 3,000 from the Government of India.

Explored and mapped a large portion of the Bakhtiari country in Persia. Received thanks from the Government of India.

Triangulated and mapped about 68,000 square miles in Persia, adjoining the coast from Churhar, Pashkard to Bandar Abbas. Awarded the Murchison grant by the Royal Geographical Society. For special work in Military interests received a reward of Rs. 500 from Lord Roberts, Commander-in-Chief in India.

