

LIST OF OFFICERS
OF THE
SURVEY OF INDIA,

CORRECTED TO

1ST JULY 1906.



CALCUTTA :
OFFICE OF THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA.
1906.

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

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SURVEY OF INDIA.

Classified List of Officers of the Imperial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

IMPERIAL SERVICE.

Surveyor General (1).

1 *Lodge, Col. Francis Bacon, B.E. | 31 10 56 | Mar. 15, 1880 | Feb. 24, 1904

Deputy Surveyor General (1).

2 Hodgson, Lt.-Col. Godfrey, Beckett, I.A. | H. S. | 28 10 58 | Sep. 12, 1883 | Aug. 31, 1905

Superintendent, Trigonometrical Surveys (1).

... *Burrard, Lt.-Col. Sidney Gerald, B.E., F.R.S. | | | Oct. 1, 1899

Superintendent, Forest Surveys (1).

... † Gordon, Major Phillip James, I.A. | | | Oct. 1, 1900

Assistant Surveyor Generals (3).

... *Fleming, Lt.-Col. John Murchison, I.A. | | | June 29, 1900

... Pope, Thomas Archdale | | | June 10, 1897

... *Renny-Tailyour, Bt.-Lt.-Col. Thomas Francis Bruce, B.E. | | | June 6, 1904

... *Bythell, Major William John, B.E. (Offg.). | | | May 3, 1904

Superintendents.

1st Grade. Salary R1,800 (3). 8 under Reorganisation.

3 *Burrard, Lt.-Col. Sidney Gerald, B.E., F.R.S. | L. S. | 12 8 60 | Sep. 2, 1884 | Feb. 24, 1904

4 Eccles, John, M.A. | | 9 9 57 | May 30, 1885 | July 16, 1905

5 † Fleming, Lt.-Col. John Murchison, I.A. | H. S. ; L. S. Persian. | 12 8 58 | July 3, 1885 | Aug. 21, 1905

* Elected for continuous Indian service.
† Indian Army Supernumerary List.

Survey of India, as it stood on 1st July 1906.

...	7	8	9	10
Serial No.	§ Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

R. a. P.

1 | P. . . . 3,000 0 0 |

2 | P. . . . 2,200 0 0 |

... | P. . . . 1,600 0 0 }
 (a) L. A. . . . 200 0 0 }

... | P. . . . 1,300 0 0 }
 (b) S. A. . . . 100 0 0 }

... | P. . . . 1,600 0 0 }
 (c) P. A. . . . 60 0 0 }
 (d) L. A. . . . 100 0 0 } Calcutta In charge, Drawing and Engraving Offices.

... | | | On combined leave from 19th October 1905.

... | P. . . . 1,482 10 0 }
 (c) P. A. . . . 60 0 0 }
 (d) L. A. . . . 100 0 0 } Calcutta In charge, Surveyor General's and Mathematical Instrument Offices.

... | P. . . . 1,482 10 0 }
 (c) P. A. . . . 60 0 0 }
 (e) L. A. . . . 100 0 0 } Calcutta In charge, Photographic and Lithographic Office.

3 | | Superintendent, Trigonometrical Surveys, and in charge, No. 22 (Astronomical).

4 May 30, 1885 | P. . . . 1,600 0 0 | In charge, Computing party

5 | | Assistant Surveyor General

§ Applies only to officers who are under the Uncovenanted Service Rules.
 (a) Local Allowance, vide Secretary of State's Despatch No. 43 (Revenue), dated 19th April 1894.
 (b) Staff Allowance, vide Secretary of State's Despatch No. 3 (Revenue), dated 13th January 1887.
 (c) Presidency Allowance, vide Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th July 1878.
 (d) Local Allowance, vide Department of Agriculture, Revenue and Commerce Memorandum No. 85 (Revenue), dated 19th July 1901.
 (e) Ditto, vide Secretary of State's Despatch No. 125 (Revenue), dated 25th July 1903.
 (1) Includes R1182-10-0 net R.E. pay.

Classified List of Officers of the Imperial Service, Survey of

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

IMPERIAL SERVICE—contd.

Superintendents—concl'd.

2ND GRADE. Salary R1,800 (7).

6 under Reorganisation.

Serial No.	Name	Language	Date of Birth	Date of Joining	Date of Appointment
6	Pope, Thomas Archdale	Telugu; Tamil	21 6 58	Oct. 1, 1886	Oct. 1, 1899
7	*Renny-Tailyour, Bt.-Lt.-Col. Thomas Francis Bruce, B.E.		8 6 63	Apr. 1, 1888	Nov. 1, 1899
8	*Bythell, Major William John, B.E.	L. S.	9 9 62	May 29, 1889	Oct. 1, 1900
9	*Lenox-Conyngham, Major Gerald Ponsonby, B.E.		21 8 66	July 16, 1889	July 31, 1901
10	†Crichton, Major Richmond Trevor, I.A.	H. S.; L. S. Persian.	8 3 65	Dec. 16, 1889	Feb. 24, 1904
11	†Gordon, Major Philip James, I.A.	H. S.	2 6 59	Nov. 10, 1890	July 16, 1905
12	Gilbert-Cooper, Bryan Gardiner	H. S.; H. S. Sindhi; H. S. Marathi.	2 6 57	Feb. 19, 1891	Aug. 31, 1905

Deputy Superintendents.

1ST GRADE. Salary R1,000 (8).

7 under Reorganisation.

Serial No.	Name	Language	Date of Birth	Date of Joining	Date of Appointment
13	Erskine, Claude Francis	H. S. Sindhi; L. S. Marathi.	15 10 55	Feb. 18, 1891	May 27, 1898
14	*Burn, Major James Montague, B.E.	L. S.	18 12 66	May 17, 1891	Oct. 1, 1899
15	*Ryder, Major Charles Henry Dudley, D.S.O., B.E.	H. S.; L. S. Pashtu; Colloquial Chinese (Pekingese).	28 6 68	Nov. 29, 1891	Oct. 1, 1900
16	†Litchfield, Edward Ferdinand	H.S.	23 1 52	Nov. 26, 1868 Oct. 24, 1890	July 31, 1901

* Elected for continuous Indian service.
 † Indian Army Supernumerary List.
 ‡ Passed in Surveying by the Higher Standard as defined in the Forest Department Code, 3rd Edition.

India, as it stood on 1st July 1906—continued.

Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.
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Serial No.	Date	Salary (R a. p.)	Where employed at present.	REMARKS.
6	July 17, 1880		Assistant Surveyor General	Service under Madras Government from 17th July 1880 to 30th September 1888. On privilege leave for 3 months from 19th October 1905, combined with furlough for 9 months from 19th January 1906.
7			Ditto ditto	
8			Offg. ditto ditto	
9		(1) P. . . 1,482 10 0	In charge, No. 23 (Pendulum).	
10		P. . . 1,300 0 0 (a) L. A. . . 250 0 0	Superintendent, Provincial Surveys, Bengal.	
11			Superintendent, Forest Surveys, and in charge, No. 9 (India).	
12	Jan. 1, 1878	P. . . 1,300 0 0	In charge, No. 17 (Bombay Forests).	Service in the Bombay Revenue Survey from 1st January 1878 to 16th February 1891.

13	June 25, 1880	(2) P. . . 1,300 0 0 (b) L. A. . . 100 0 0	In charge, No. 25 (Tidal and Levelling).	Service in Bombay Revenue Survey from 25th June 1880 to 16th February 1891. Officiating Superintendent, 2nd grade.
14				On privilege leave for 11 months and 16 days from 19th September 1905, combined with furlough for 11 months and 7 days from 1st November 1905.
15				On privilege leave for 3 months from 13th April 1905, combined with furlough for 1 year, 9 months and 17 days from 19th July 1905.
16	Jan. 23, 1872	P. . . 1,000 0 0	In charge, No. 3 (Lower Burma).	Service in Forest Department from 16th October 1878 to 23rd October 1890.

§ Applies only to officers who are under the Uncovenanted Service Rules.
 (a) Local Allowance, vide Secretary of State's Despatch No. 99 (Revenue), dated 19th June 1902.
 (b) Ditto, vide Department of Revenue and Agriculture No. 2570, dated 23rd November 1899.
 (1) Includes R182-10-0 net R. E. pay.
 (2) Includes an acting allowance of Rs. 300.

Classified List of Officers of the Imperial Service, Survey of

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

IMPERIAL SERVICE—contd.

Deputy Superintendents—concl'd.

1st GRADE. Salary R1,000 (8)—concl'd.

17	† Symonds, Major Charles William Herbert, I.A.	H. S.	5 9 65	Sep. 28, 1892	Sep. 3, 1902
18	Robertson, Major Charles Lonsdale, C.M.G., R.E.	L. S.	13 2 67	May 3, 1894	Feb. 24, 1904
19	* Coldstream, Capt. William Menzies, R.E.	L. S.; H. S. Pushtu.	19 2 69	Nov. 25, 1894	July 16, 1905
20	Vacant				
...	Transferred to the Provincial Service				

2nd GRADE. Salary R860 (6).

7 under Reorganisation.

...	Transferred to the Provincial Service				
...	Ditto ditto				
21	† Perris, Major Francis William, I.A.	H. S.; L. S. Pushtu	23 8 67	June 11, 1895	Nov. 1, 1899
22	Hume, Capt. Arthur Henry Bliss, R.E.	L. S.; Colloquial Parvarya; German.	19 2 68	Jan. 24, 1897	Nov. 17, 1900
23	* Turner, Capt. Horace Harrison, R.E.		13 8 67	Apr. 22, 1897	July 31, 1901
24	* Beazeley, Capt. George Adam, R.E.		7 7 70	Oct. 12, 1897	Sep. 3, 1902
25	* Crosthwait, Capt. Herbert Leland, R.E.		26 12 67	Nov. 22, 1897	Feb. 24, 1904
26	Tandy, Capt. Edward Aldborough, R.E.	L. S.; Colloquial Burmese.	26 12 71	Jan. 31, 1898	July 16, 1905

* Elected for continuous Indian service.
† Indian Army Supernumerary List.

India, as it stood on 1st July 1906—continued.

...	7	8	9	10
Serial No.	§ Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

R a. P.

17		P. 1,000 0 0 (a) L. A. 150 0 0	In charge No. 7 (Burma)	
18		(1) P. 1,182 10 0	In charge, No. 15 (N.-W. Frontier).	
19				On privilege leave for 3 months, from 11th January 1906, combined with furlough for 1 year and 5 months, from 11th April 1906.
20				
...				
...				
21				On privilege leave for 3 months from 16th September 1905, combined with furlough for 1 year from 10th December 1905.
22		(2) & (3) P. 1,140 0 0	In charge, No. 1 (C. P.).	Offg. Deputy Superintendent, 1st grade.
23				On deputation at the School of Military Engineering, Chatham.
24		(2) & (3) P. 1,140 0 0 (c) P. A. 60 0 0	Head-quarters, Calcutta.	Offg. Deputy Superintendent, 1st grade.
25		(2) & (3) P. 1,140 0 0	In charge, No. 14 (N.-W. Frontier).	Ditto ditto ditto.
26				On privilege leave for 3 months from 2nd August 1905, combined with furlough for 1 year from 2nd November 1905.

§ Applies only to officers under the Uncovenanted Service Rules.

- (a) Local Allowance (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1890.
- (b) Ditto (Baluchistan), vide Financial Resolution No. 5820, dated 25th October 1889.
- (c) Presidency allowance, vide Department of Agriculture, Revenue and Commerce Memorandum No. 213, dated 14th May 1878.
- (1) Includes R182-10-0 net R.E. pay.
- (2) Includes R140 net R.E. pay.
- (3) Includes an acting allowance of R150.

Classified List of Officers of the Imperial Service, Survey of

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

IMPERIAL SERVICE—concl'd.

Assistant Superintendents.

1st GRADE. Salary R600 (8).		7 under Reorganisation.	
27	Mears, Capt. Arthur, I.A.	H. S.; L. S. Persian. Interpreter in Russian.	15 6 69 Nov. 21, 1897 Oct. 1, 1899
28	Wood, Capt. Henry, B.E.		28 10 72 Nov. 16, 1898 Nov. 1, 1899
29	*Cowie, Capt. Herbert McCally, B.E.		21 11 73 Nov. 12, 1898 Oct. 1, 1900
30	Gunter, Capt. Clarence Preston, B.E.	L. S. Pushtu; H. S. Urdu	24 5 73 July 10, 1899 Nov. 17, 1900
31	Rich, Capt. Edmund Tillotson, B.E.	H. S. Urdu; H. S. Pushtu; L. S. Persian; L. S. Burmese.	23 8 74 July 3, 1899 July 31, 1901
32	*Mollarg, Capt. Alfred Alexis, B.E.	L. S. Urdu; L. S. Pushtu and French.	4 2 74 Jan. 9, 1900 Mar. 9, 1903
33	Tandy, Capt. Maurice O'Connor, B.E.		17 11 73 Jan. 17, 1900 Feb. 24, 1904
34	Hirst, Capt. Frederick Christian, I.A.	L. S.; H. S. Urdu and L. S. Pushtu.	24 12 74 Jan. 27, 1900 July 16, 1905

2ND GRADE. Salary R500 (14) including 6 temporary appointments and 1 Supernumerary.

8 under Reorganisation.			
35	*Thomas, Capt. Robert Henry, B.E.		23 4 77 July 17, 1901
36	Thuillier, Capt. Leslie Cardew, I.A.	H. S. Urdu	7 10 77 Sep. 12, 1901
37	*Browne, Lieut. Charles Michael, D.S.O., B.E.		26 11 78 Jan. 8, 1903
38	Phillimore, Lieut. Reginald Henry, B.E.	L. S. Urdu	19 6 79 June 28, 1903
39	May, Lieut. Hugh Seaburne, B.E.	H. S. Urdu	25 7 80 June 7, 1914
40	MacLeod, Lieut. Malcolm Nynnes, B.E.	L. S. Urdu	23 5 82 Oct. 25, 1904
41	Hunter, Lieut. Frederick Fraser, I.A.	H. S. Urdu; Colloquial Chinese.	7 8 76 Aug. 17, 1905
42	Baker, Lieut. Edward Carlton, B.E.		1 1 80 Jan. 12, 1906
43	Crothwait, Lieut. Leland George, I.A.	H. S. Urdu	29 8 81 Oct. 13, 1905
44	Couchman, Lieut. Harold John, B.E.		29 7 82 Jan. 30, 1906
45	Trenchard, Lieut. Oswald Henry Bisdie, B.E.	L. S. Urdu	6 4 82 Jan. 16, 1906
46	Hamilton, Lieut. Sackville William Sackville, B.E.		3 11 82 Jan. 14, 1906
47	Cotter, Lieut. Vere Rogerson, I.A.	H. S. Urdu; L. S. Pushtu; L. S. Persian	18 2 82 Oct. 30, 1905
48	Pye, Lieut. Kellow William, B.E.	L. S. Urdu	12 9 82 Mar. 17, 1906

* Elected for continuous Indian service.

India, as it stood on 1st July 1906—concluded.

Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.
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		R	a.	P.		
27		P.	(1) 800 0 0		In charge, No. 20 (Burma Forests).	Offg. Deputy Superintendent, 1st grade.
28		(a) L. A.	100 0 0		In charge, No. 2 (Berar)	Ditto ditto 2nd grade.
		P.	(1) & (2) 940 0 0			
29						On privilege leave for 3 months from 18th March 1905, combined with furlough for 1 year and 3 months from 18th June 1905.
30						On privilege leave for 1 month and 6 days from 1st June 1905, combined with furlough for 1 year, 3 months and 28 days from 7th July 1905.
31		P.	(1) & (2) 940 0 0		In charge, No. 12 (N.-W. Frontier.)	Offg. Deputy Superintendent, 2nd grade.
32		P.	(1) & (2) 940 0 0		In charge, No. 10 (Upper Burma).	Ditto ditto ditto.
		(b) L.A.	100 0 0			
33		P.	(1) & (2) 940 0 0		In charge, No. 18 (Punjab).	Ditto ditto ditto.
34		P.	(1) 800 0 0		In charge, No. 4 (Bihar)	Ditto ditto ditto.
35		P.	(2) & (3) 810 0 0		In charge, No. 26 (Magnetio).	Offg. Deputy Superintendent, 2nd grade.
36						On privilege leave for 2 months and 19 days from 26th February 1906, combined with furlough for 1 year from 15th May 1906.
37		P.	(4) & (5) 870 0 0		In charge, No. 24 (India Triangulation).	Offg. Assistant Superintendent, 1st grade.
		(c) L. A.	100 0 0			
		(d) C. A.	100 0 0			
38		P.	(4) & (5) 670 0 0		In charge, No. 11 (Shan States.)	Ditto ditto ditto.
		(b) L. A.	100 0 0			
		(d) C. A.	100 0 0			
39		P.	(4) & (5) 670 0 0		No. 15 (N.-W. Frontier)	Ditto ditto ditto.
40		P.	(4) & (5) 670 0 0		No. 12 Ditto.	Ditto ditto ditto.
41		P.	500 0 0		Trigonometrical Branch Office.	On probation.
42		P.	(5) 570 0 0		No. 14 (N.-W. Frontier)	
43		P.	500 0 0		Trigonometrical Branch Office.	Ditto.
44		P.	(5) 570 0 0		No. 2 (Berar.)	
45		P.	(5) 570 0 0		No. 15 (N.-W. Frontier.)	
46		P.	(5) 570 0 0		No. 2 (Berar.)	
47		P.	500 0 0		Trigonometrical Branch Office.	Ditto.
48		P.	(5) 570 0 0		Ditto ditto.	

§ Applies only to officers under the Unconvenanted Service Rules.

- (a) Local allowance (Burma), vide Financial Resolution No. 5826, dated 25th October 1899.
- (b) Ditto (Upper Burma), vide Department of Finance and Commerce, No. 756, dated 11th February 1899.
- (c) Ditto (Baluchistan), vide Financial Resolution No. 5320, dated 25th October 1899.
- (d) Charge allowance, vide Department of Revenue and Agriculture, No. 791, dated 31st October 1878.
- (1) Includes an acting allowance of R200.
- (2) Includes R140 net R. E. pay.
- (3) Includes an acting allowance of R170.
- (4) Includes an acting allowance of R100.
- (5) Includes R70 net R. E. pay.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE.

Extra Deputy Superintendents.

1st GRADE. Salary R800. (1).

2 under Reorganisation.

1	Shaw, Thomas	L. S.	15 11 52	Apl. 21, 1869	Feb. 27, 1900
...	Vacant . . . . .	. . . . .	. . . . .	. . . . .	. . . . .

3RD GRADE. Salary R660 (3).

2	Hall, George Thomas	L. S.	3 12 51	Nov. 22, 1872	Aug. 31, 1905
3	Kelly, William Mathew	L. S.; H. S.	6 8 54	{ Oct. 1, 1872 { Oct. 1, 1878(A)	Feb. 27, 1900
4	* Hill, Elliot Playfair Smyth	H. S.; L. S. Persian	14 7 55	Nov. 16, 1872	Feb. 27, 1900

Extra Assistant Superintendents.

1st GRADE. Salary R550 (5).

3 under Reorganisation.

5	Dickinson, Richard Randall	L. S.	25 7 52	Apl. 16, 1873	June 6, 1905
6	Knight, George Arthur . . . . .	. . . . .	22 4 54	Aug. 11, 1873	July 17, 1905
7	Prunty, Patrick Fitzroy . . . . .	. . . . .	24 12 54	May 9, 1874	Aug. 31, 1905
8	Norman, Sydney Frederick . . . . .	. . . . .	8 8 54	Sep. 1, 1874	Feb. 27, 1900
9	Berkeley, Lionel Fitzhardinge	L. S.	28 8 54	Aug. 16, 1875	Feb. 27, 1900

2ND GRADE. Salary R500 (6).

...	Torrens, Charles Patton . . . . .	. . . . .	19 6 51	Dec. 12, 1868	July 26, 1902
10	Penrose, William Henry	L. S.	6 10 51	Aug. 11, 1869	June 27, 1904
11	Norman, Charles Arthur	L. S.	18 6 56	Oct. 12, 1874	Jan. 6, 1905

(A) Date of re-appointment.

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

Survey of India, as it stood on 1st July 1906.

...	7	8	9	10
Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

1	Nov. 15, 1872	P. (a) P. A.	R a. p. 800 0 0 200 0 0	In charge Bangalore Drawing Office.	
2	Nov. 22, 1872	P. (a) P. A.	650 0 0 200 0 0	In charge No. 19 (Madras Forests).	
3	Aug. 6, 1874	P. (a) P. A.	650 0 0 200 0 0	Trigonometrical Branch Office.	Inclusive of service in the Forest Department from 1st November 1877 to 30th September 1878.
4	July 14, 1875	P. (a) P. A. (f) L. A.	650 0 0 200 0 0 120 0 0	Chief Draftsman, Head-Quarters, Calcutta.	
5	July 25, 1872	P. (c) P. A.	550 0 0 50 0 0	In charge N.-W. Frontier Drawing Office.	Apprentice from 1st April 1872.
6	Apl. 22, 1874	P. (e) P. A.	550 0 0 50 0 0	No. 18 (Punjab).	On privilege leave for 3 months from 15th June 1906, combined with furlough for 1 year and 0 months, from 15th September 1906.
7	Dec. 24, 1874	P. (c) P. A. (d) L. A.	550 0 0 50 0 0 100 0 0	No. 20 (Burma Forests).	Joined as Computer, 1st December 1873.
8	Sep. 1, 1874	P. (e) P. A.	550 0 0 50 0 0	No. 17 (Bombay Forests).	
9	May 1, 1875	P. (c) P. A. (e) P. A.	550 0 0 50 0 0 45 0 0	In charge Bengal Drawing Office.	Joined as Assistant, 1st May 1875.
...	June 19, 1871	. . . . .	. . . . .	. . . . .	On deputation, Burma.
10	Oct. 6, 1871	P. (e) P. A. (f) L. A.	500 0 0 45 0 0 95 0 0	Head Draftsman (sub. pro tem.) Head-Quarters, Calcutta.	
11	June 18, 1876	P. (c) P. A. (f) L. A.	500 0 0 45 0 0 50 0 0	Head-Quarters, Calcutta.	

(a) Personal allowance, vide Department of Revenue and Agriculture No. $\frac{3}{127-4}$, dated 6th March 1907.(b) Presidency allowance, vide Department of Revenue and Agriculture No. $\frac{1305}{55-2}$, dated 7th June 1897.(c) Personal allowance, vide Department of Revenue and Agriculture No. $\frac{36H}{32-2}$, dated 4th March 1902.

(d) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1889.

(e) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1868.

(f) Local allowance, vide Secretary of State's Despatch No. 170 (Revenue), dated 11th December 1903.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.
Extra Assistant Superintendents—contd.

2ND GRADE, Salary Rs500 (6)—contd.

12	Kraal, Charles Samuel	L. S.	25 10 53	July 24, 1874	July 17, 1906
13	Marten, James . . . . .	. . . . .	27 9 52	Oct. 6, 1888	Dec. 19, 1905
14	Tate, George Passman	L. S.; H. S. Daluchi.	22 7 56	Mar. 12, 1878	Feb. 27, 1906
15	Kennedy, Joseph Michael . . . . .	. . . . .	2 11 56	Aug. 19, 1875	Feb. 27, 1906

3RD GRADE, Salary Rs450 (9).

16	Smart, Patrick Colin Henry . . . . .	. . . . .	16 9 55	Apl. 18, 1878	Sep. 1, 1904
..	*George, Alfred Lewis	L. S.; L. S. Burmese.	14 1 55	Oct. 15, 1878	Nov. 14, 1904
17	George, Christopher	L. S.	7 12 52	Sep. 5, 1878	Nov. 14, 1904
18	Waller-Senior, Robert	L. S.	13 11 60	Dec. 21, 1878	Jan. 6, 1905
19	Smart, Oswald David . . . . .	. . . . .	16 9 57	Oct. 1, 1881	July 17, 1906
20	Ewing, Arthur . . . . .	. . . . .	30 4 62	Nov. 16, 1881	Aug. 31, 1906
1	Gastaud, Michael . . . . .	. . . . .	8 3 62	May 1, 1882	Oct. 5, 1906
..	Beechey, Percy	L. S.; H. S. Burmese.	18 7 61	Dec. 1, 1882	Dec. 19, 1905
22	Barker, Joshua Paul . . . . .	. . . . .	21 8 65	Dec. 23, 1883	Dec. 19, 1905
23	Bedford, Nolan . . . . .	. . . . .	16 7 61	Jan. 10, 1884	Feb. 27, 1906
24	Hughes, Benjamin Robert	L. S.; L. S. Burmese	13 6 66	Oct. 15, 1883	Feb. 27, 1906

* Passed the Burma Land Records Department examination in Revenue by the Higher Standard.

Survey of India, as it stood on 1st July 1906—continued.

...	7	8	9	10
Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

12	July 24, 1874	P. (a) S.A.	R a. p. 500 0 0 50 0 0	No. 4 (Bihar).	
13	Oct. 22, 1875	P.	500 0 0	No. 18 (Punjab)	Includes previous service in Forest Department from 22nd October 1875.
14	July 22, 1876	P.	500 0 0	No. 14 (N.-W. Frontier.)	Apprentice from 1st March 1874.
15	Nov. 2, 1876	P.	500 0 0	In charge, U. P. Drawing Office.	
16	Apl. 18, 1878	P. (b) L. A.	450 0 0 100 0 0	In U. P. and Oudh under Local Government.	
..	Nov. 15, 1876	. . . . .	. . . . .	. . . . .	On deputation, Burma. Joined as Sub-Surveyor, 18th November 1876. Previous service as Sub-Surveyor from 1st August 1874.
17	Aug. 18, 1874	P. (c) L. A.	450 0 0 80 0 0	No. 9 (India)	
18	Nov. 13, 1880	P. (c) L. A.	450 0 0 80 0 0	No. 10 (Upper Burma).	
19	Oct. 1, 1881	P. (c) L.A.	450 0 0 80 0 0	No. 7 (Burma)	Previous temporary service in the Cadastral Establishment from 1st December 1879 to 30th September 1881.
20	Apl. 30, 1882	P. (d) P. A. (e) L. A.	450 0 0 30 0 0 50 0 0	Head-Quarters, Calcutta.	
21	Mar. 8, 1882	P. (d) P. A. (e) L. A.	450 0 0 30 0 0 50 0 0	Head-Quarters, Calcutta	Apprentice Draftsman from 3rd January 1882.
..	Dec. 1, 1882	. . . . .	. . . . .	. . . . .	On deputation, Burma.
22	Aug. 21, 1885	P.	450 0 0	No. 25 (Tidal and Levelling).	
23	Jan. 10, 1884	P. (a) S. A.	450 0 0 50 0 0	No. 4 (Bihar).	
24	June 13, 1886	P.	450 0 0	In charge, Dohra Training School.	

(a) Settlement Allowance, vide Secretary of State's Despatch No. 164 (Revenue), dated 1st November 1901.
(b) Local Allowance, vide Secretary of State's Despatch No. 44 (Revenue), dated 15th March 1900.
(c) Ditto, (Upper Burma), vide Department of Finance and Commerce No. 768, dated 11th February 1880.
(d) Presidency Allowance, vide Financial Resolution No. 704, dated 22nd February 1866.
(e) Local Allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAME OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

4TH GRADE. Salary R400 (13).

15 under Reorganisation.

25	Doscubes, Alexander		17 7 54	Dec. 5, 1889	Sep. 1, 1905
26	Barrington, Philip Joseph	L. S. Burmese	3 7 61	Apr. 24, 1884	Sep. 1, 1905
27	Smith, Joseph	L. S.	14 9 63	Aug. 1, 1884	Sep. 16, 1905
...	*Johnson, William Edmund	H. S. Burmese.	14 9 61	Aug. 18, 1884	Nov. 14, 1905
28	Babonau, Thomas Walter	L. S.; E. S. Burmese.	10 7 66	Jan. 15, 1884	Nov. 14, 1905
29	Smart, Aylmer Boddington		27 9 65	Feb. 25, 1885	June 7, 1905
30	Lee, Charles Graham		23 6 66	Mar. 1, 1886	July 17, 1905
31	Bell, Frederick Samuel		28 9 64	Sep. 24, 1886	Aug. 14, 1905
32	Powell, Frank Burgess	L. S. Burmese	11 8 64	Sep. 23, 1886	Aug. 31, 1905
...	Haddock, John A. T.	L. S.; H. S. Burmese.	16 10 63	Nov. 26, 1887	Oct. 5, 1905
...	Baker, William John	E. S. Burmese	18 8 66	Jan. 25, 1888	Oct. 5, 1905
...	†Wood, Charles George Stotesbury	L. S.; H. S. Burmese.	1 7 68	Aug. 2, 1884	Oct. 5, 1905
33	Johuson, Clarence Henry Godwin		4 6 69	Nov. 13, 1888	Dec. 19, 1905
34	Shaw, Henry George		21 2 62	Jan. 1, 1889	Feb. 27, 1906
35	Walsh, Felix Patrick		20 11 66	Mar. 4, 1886	Feb. 27, 1906
36	Skilling, William	L. S.	26 4 67	Nov. 24, 1884	Jan. 6, 1905
37	Vacant				

* Passed the Burma Land Records Department examination in Revenue by the Higher Standard.
 † Passed in Revenue Law by the Higher Standard.

Survey of India, as it stood on 1st July 1906—continued.

...	7	8	9	10
Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

25	Jan. 18, 1887	P.	400 0 0	Forest Survey Office, as Superintendent, Forest map records.	Includes previous service in Forest Department from 18th January 1887.
26	Apr. 24, 1884	P. (a) L. A.	400 0 0 80 0 0	} No. 10 (Upper Burma).	
27	Nov. 16, 1883	P.	400 0 0		No. 19 (Madras Forests)	Office Assistant from 16th November 1883.
...	Aug. 18, 1884	. . . . .	. . . . .	. . . . .	On deputation, Burma.
28	July 10, 1886	P. (b) C. A.	400 0 0 100 0 0	} In charge No. 5 (Chota-Nagpur).	
29	Sep. 27, 1885	P. (c) P. A. (d) L. A.	400 0 0 30 0 0 50 0 0		} Head-Quarters, Calcutta.
30	Aug. 23, 1886	P. (a) L. A.	400 0 0 80 0 0	} No. 7 (Burma).		Previous temporary service in the Cadastral Establishment from 1st December 1883 to 28th February 1886.
31	Sep. 24, 1886	P.	400 0 0		U. P. Drawing Office.
32	Sep. 23, 1886	P. (e) L. A.	400 0 0 100 0 0	} Ditto ditto	
...	Nov. 26, 1887
...	Jan. 25, 1888	. . . . .	. . . . .	. . . . .	Ditto ditto.
...	July 1, 1888	. . . . .	. . . . .	. . . . .	Ditto ditto.
33	June 14, 1889	P.	400 0 0	No. 6 (Eastern Bengal).	
34	Jan. 1, 1883	P. (f) L. A.	400 0 0 50 0 0	} No. 25 (Tidal and Leveling).	Includes previous service in the Meteorological Department from 1st January 1883.
35	Nov. 20, 1886	P.	400 0 0			No. 1 (C. P.).
36	Apr. 26, 1887	P.	400 0 0	No. 1 (C. P.).	Under suspension from 12th October to 10th November 1905, and reduced to the bottom of the grade till 10th November 1906.
37	. . . . .	. . . . .	. . . . .	. . . . .

(a) Local Allowance (Upper Burma), vide Department of Finance and Commerce, No. 758, dated 11th February 1889.
 (b) Charge allowance, vide Secretary of State's Despatch No. 121, dated 7th May 1885.
 (c) Presidency Allowance, vide Financial Resolution No. 704, dated 22nd February 1896.
 (d) Local Allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.
 (e) Ditto, vide Secretary of State's Despatch No. 44 (Revenue), dated 18th March 1900.
 (f) Ditto, vide Department of Revenue and Agriculture No. 1103, dated 23rd November 1890.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

5TH GRADE. Salary Rs50 (17).

38	Adams, William Frederic Edward		12 6 68	Aug. 26, 1889	Mar. 31, 1904
39	Murphy, Joseph Horrocks		26 7 69	Nov. 1, 1887	June 1, 1904
40	Nichol, John Henry	H. S. Urdu	9 4 67	Dec. 12, 1889	June 27, 1904
41	Rae, George James Sheehan		23 11 70	Nov. 19, 1890	Sep. 1, 1904
42	Litchfield, Charles		24 1 66	Jan. 10, 1892	Sep. 1, 1904
43	Syed Aulad Hossein		Dec. 68	Nov. 13, 1891	Oct. 7, 1904
44	Rahmatulla		28 9 66	Nov. 13, 1891	Nov. 14, 1904
45	Greiff, Joseph Oscar	L. S.	2 8 72	Nov. 13, 1891	Jan. 6, 1905
46	†Biggie, Henry William	H. S. Burmese	9 12 71	Nov. 21, 1891	Sep. 16, 1904
47	Chatterjee, Nilmoni		17 11 70	Nov. 23, 1891	June 7, 1905
...	†Powell, Harry Burgess	H. S. Burmese	2 6 70	Nov. 22, 1891	July 17, 1905
48	Freeman, John Alaric	L. S.	24 7 70	Nov. 23, 1891	July 17, 1905
49	Ollenbach, Osmond Charles	{ L. S. Burmese L. S. Urdu }	23 4 67	Nov. 23, 1891	Aug. 14, 1905
50	Hanby, Herbert Henry Bladen	H. S.	21 6 72	Nov. 25, 1891	Aug. 31, 1905
51	Newland, Walter	L. S. Burmese	28 4 76	Sep. 11, 1893	Oct. 5, 1905
52	Gorman, William Michael		28 7 73	Sep. 19, 1893	Dec. 19, 1905
53	Amar Singh	L. S. Burmese	1 1 63	Sep. 18, 1893	Feb. 27, 1906
54	Sheehan, Michael Joseph	H. S.	20 1 75	Oct. 30, 1895	Feb. 27, 1906

† Passed the Burma Land Records Department examination in Revenue by the Higher Standard.

Survey of India, as it stood on 1st July 1906—continued.

...	7	8	9	10
Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.
38	Aug. 26, 1889	P. . . 350 0 0	No. 19 (Madras Forests).	
39	July 26, 1889	P. . . 350 0 0	No. 4 (Bihar).	
40	Dec. 16, 1888	P. . . 350 0 0	Trigl. Branch Office . . .	Includes previous service in Forest Department from 16th December 1888.
41	Nov. 23, 1890	P. . . 350 0 0	No. 18 (Punjab).	
42	Nov. 14, 1888	P. . . 350 0 0 (a) Assam. 50 0 0	} No. 9 (India) . . .	Includes previous service in Forest Department from 14th November 1888.
42	Feb. 2, 1891	P. . . 350 0 0	Trigl. Branch Office . . .	Joined as Computer, 2nd February 1891.
44	Sep. 28, 1886	P. . . 350 0 0	No. 12 (N.-W. Frontier) . . .	Joined as Computer, 19th August 1889.
45	Aug. 2, 1892	P. . . 350 0 0	No. 14 (N.-W. Frontier).	
46	Dec. 9, 1891	P. . . 350 0 0 (b) P. A. 30 0 0 (c) L. A. 50 0 0	} Head-Quarters, Calcutta . . .	Under suspension from 10th to 21st November 1905.
47	Nov. 23, 1891	P. . . 350 0 0 (b) P. A. 30 0 0	} Bengal Drawing Office . . .	
...	Nov. 22, 1891	. . . . .	. . . . .	On deputation, Burma. Previous temporary service in Cadastral Establishment from 1st January 1890 to 21st November 1901.
48	Nov. 23, 1891	P. . . 350 0 0	No. 15 (N.-W. Frontier).	
49	Nov. 23, 1891	P. . . 350 0 0	Trigl. Branch Office.	
50	June 21, 1892	P. . . 350 0 0	No. 14 party (N.-W. Frontier).	
51	Apr. 28, 1896	P. . . 350 0 0	No. 1 (C. P.).	
52	Sep. 19, 1893	P. . . 350 0 0 (d) L. A. 50 0 0	} No. 3 (Lower Burma).	
53	Apr. 8, 1885	P. . . 350 0 0	No. 17 (Bombay Forests) . . .	Includes previous service in the Meteorological Department from 6th April 1885.
54	Oct. 30, 1895	P. . . 350 0 0	No. 19 (Madras Forests).	(Sub. pro tem.).

(a) Local Allowance (Assam), vide Financial Resolution No. 5828, dated 25th October 1888.
 (b) Presidency Allowance, vide Financial Resolution No. 704, dated 22nd February 1868.
 (c) Local Allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.
 (d) Ditto (Burma), vide Financial Resolution No. 5820, dated 25th October 1888.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—concl'd.

6TH GRADE. Salary Rs 800 (23).

55	Wilson, John Henry Stanhope	L. S.	10 1 71	Sep. 4, 1893	July 23, 1903
56	Williams, Patrick		18 3 71	Sep. 16, 1893	Jan. 12, 1904
57	Petters, Malcolm Campbell		27 12 73	Nov. 1, 1895	Mar. 17, 1904
58	Donaghey, John	H. S.	20 9 74	Oct. 26, 1895	Mar. 31, 1904
59	Biggle, Edwin John		16 2 73	Oct. 24, 1895	June 1, 1904
60	Bond, Edgar Clinton James		19 4 70	Dec. 17, 1896	June 27, 1904
61	Causley, Philip Lloyd	L. S. Urdu	12 6 72	Oct. 25, 1895	Sep. 1, 1904
62	Jagdamba Prasad		10 1 70	Nov. 17, 1896	Sep. 1, 1904
63	Cooper, Henry Charles Hubert	H. S.	5 8 74	Nov. 24, 1896	Sep. 1, 1904
64	French, Charles Edwin Cluge		16 3 75	Nov. 14, 1896	Sep. 1, 1904
65	Byrne, Charles Cahill		25 9 76	Nov. 20, 1896	Sep. 1, 1904
66	Veale, Charles John	L. S. Urdu	8 3 77	Nov. 25, 1896	Sep. 16, 1904
67	Anderson, Percival Robert		28 2 74	Nov. 27, 1896	Oct. 7, 1904
68	Hardinge, Eustace Gilbert		6 5 73	Nov. 25, 1896	Nov. 14, 1904
69	O'Donel, Conel Angus		31 7 76	Dec. 10, 1896	Jan. 6, 1905
70	Charrier, Henry Arthur	L. S.; E. S. Burmese.	22 10 64	Apr. 21, 1894	June 5, 1905
71	Bose, Abinash Chunder	L. S. Burmese	16 11 72	Oct. 15, 1895	July 17, 1905
72	Hanuman Prasad		17 7 69	Nov. 15, 1896	Aug. 14, 1905
73	Littlewood, Charles Sutherland		2 9 75	Nov. 15, 1896	Aug. 31, 1905
74	Hunter, Douglas John, B.A.		9 9 75	Nov. 11, 1897	Oct. 5, 1905
	Corridon, Edgar Henry	L. S.	25 1 78	Nov. 12, 1897	Dec. 19, 1905
75	Dhani Ram		4	Nov. 20, 1897	Feb. 27, 1906
77	Jarbo, William George		10 3 76	Nov. 17, 1897	Feb. 27, 1906

Survey of India, as it stood on 1st July 1906—continued.

Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.
55	Sep. 4, 1893	P. 300 0 0	No. 14 (N. W. Frontier).	
56	Sep. 16, 1893	P. 300 0 0 (a) P. A. 30 0 0 (b) L. A. 50 0 0	Head-Quarters, Calcutta.	
57	Nov. 1, 1895	P. 300 0 0	Forest Survey Office.	
58	Oct. 26, 1895	P. 300 0 0 (a) L. A. 50 0 0	No. 3 (Lower Burma).	
59	Oct. 24, 1895	P. 300 0 0	No. 14 (N. W. Frontier).	
60	Oct. 1, 1890	P. 300 0 0	No. 26 (Magnetic)	Previous service in No. 25 party and Marine Survey from 1st October 1890 to 16th December 1896, included.
61	Oct. 25, 1895	P. 300 0 0		On deputation, Bengal.
62	July 10, 1894	P. 300 0 0 (d) L. A. 80 0 0	No. 7 (Burma)	Promoted from the Subordinate Service. Joined as Despatcher, Photo-Zinco Section, Trigonometrical Branch Office, 10th July 1894. Previous temporary service as Computer from 17th August 1891 to 9th July 1894.
63	Nov. 24, 1896	P. 300 0 0	No. 15 (N.-W. Frontier).	
64	Nov. 14, 1896	P. 300 0 0	No. 18 (Punjab).	
65	Nov. 20, 1896	P. 300 0 0 (d) L. A. 80 0 0	No. 20 (Burma Forests).	
66	Mar. 8, 1897	P. 300 0 0	No. 2 (Berar).	
67	Nov. 27, 1896	P. 300 0 0	No. 17 (Bombay Forests).	
68	Nov. 25, 1895	P. 300 0 0	No. 6 (Eastern Bengal).	
69	Dec. 10, 1896	P. 300 0 0	No. 4 (Bihar).	
70	Oct. 22, 1894	P. 300 0 0 (a) P. A. 30 0 0 (b) L. A. 50 0 0	Head-Quarters, Calcutta.	
71	Oct. 15, 1895	P. 300 0 0 (d) L. A. 80 0 0	No. 7 (Burma).	(Sub. pro tem.).
72	Nov. 1, 1890	P. 300 0 0	No. 23 (Astronomical)	Promoted from the Subordinate Service. Joined as Computer, 1st November 1890.
73	Nov. 15, 1896	P. 300 0 0 (d) L. A. 80 0 0	No. 7 (Burma)	Previous temporary service in Cadastral Establishment.
74	Nov. 11, 1897	P. 300 0 0	No. 15 (N.-W. Frontier).	
75	Nov. 12, 1897	P. 300 0 0	No. 25 (Tidal and Levelling).	
76	Nov. 20, 1897	P. 300 0 0	No. 12 (N.-W. Frontier).	
77	Nov. 17, 1897	P. 300 0 0 (d) L. A. 80 0 0	No. 10 (Upper Burma)	(Sub. pro tem.).

(a) Presidency Allowance, vide Financial Resolution No. 704, dated 22nd February 1896.
 (b) Local Allowance, vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1905.
 (c) Ditto, (Burma), vide Financial Resolution No. 582A, dated 26th October 1898.
 (d) Ditto, (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1899.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.

Sub-Assistant Superintendents.

1st GRADE. Salary R200 rising to R250. (23).

78	Warde, Francis Edward		7 9 51	Nov. 13, 1884 (A)	Nov. 1, 1888
79	Berrill, Bernard Marie	L. S.	22 10 74	Nov. 5, 1897	Mar. 17, 1904
80	Roy, Pramadaranjan		18 6 74	Nov. 21, 1898	June 1, 1904
81	Morton, Henry Percy Dee		26 10 79	Nov. 23, 1898	June 27, 1904
82	Fielding, Stewart Skene McA'Fee.		21 1 77	Nov. 21, 1898	Exp. 1, 1904
83	Kenny, Patrick Arthur Theodora.		18 4 78	Nov. 21, 1898	Sep. 1, 1904
84	Stotesbury, Herbert Charles Wood	L. S. Urdu	13 12 77	Nov. 21, 1898	Sep. 1, 1904
85	Norman, Sidney Frederick (Jr.)		29 5 78	Nov. 21, 1898	Sep. 1, 1904
86	Newland, John Richard		23 9 79	Nov. 21, 1898	Sep. 1, 1904
87	Syed Zille Hasnain		24 5 66	Jan. 17, 1899	Sep. 1, 1904
88	Lears, Joseph Cajetan Charles		7 2 79	Nov. 20, 1899	Sep. 16, 1904
89	Williams, James Harold		14 10 79	Nov. 20, 1899	Oct. 7, 1904
90	Hart, Oswald Joseph Hastings		24 5 80	Nov. 20, 1899	Nov. 14, 1904
91	Puri, Maya Das		5 9 77	Nov. 20, 1899	Jan. 6, 1905
92	Claudius, Ernest	H. S. Urdu	17 3 79	Nov. 21, 1899	June 7, 1905
93	Simons, Henry Beaumont		23 5 79	Nov. 20, 1899	July 17, 1905
94	Judd, Otto Eric Conrad		20 9 77	Nov. 20, 1899	Aug. 14, 1905
95	Ray, Rama Prasad, B.A.		23 6 76	Nov. 15, 1900	Aug. 31, 1905
96	Morton, Vivian Walter		10 12 80	Nov. 15, 1900	Oct. 5, 1905
97	Delaney, Patrick Francis		1 10 78	Nov. 15, 1900	Dec. 19, 1905
98	Kennedy, Percival.		15 6 81	Feb. 1, 1901	Jan. 5, 1906
99	West, Clement	L. S. Urdu	14 3 77	Feb. 1, 1901	Feb. 27, 1906
100	Marten, Frederick William		7 7 79	Nov. 15, 1900	Feb. 27, 1906
2ND GRADE. Salary R160 rising to R200 (27).					
101	Kanak Sing		21 3 61	Nov. 15, 1900	July 23, 1903
102	Asmatulla Khan		31 12 68	Feb. 17, 1901	Mar. 17, 1904
103	West, Ernest Barton		23 7 70	Feb. 23, 1901	Mar. 31, 1904
104	Simons, Charles Douglas		25 12 82	Nov. 1, 1901	June 1, 1904

(A) Date of re-appointment.

Survey of India, as it stood on 1st July 1906—continued.

...	7	8	9	10
Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

78	Nov. 13, 1884	P. . . 220 0 0	N.-W. Frontier Drawing Office.	
79	Nov. 5, 1897	P. . . (1) 295 0 0	No. 1 (C. P.).	Officiating Extra Assistant Superintendent, 6th grade.
80	Nov. 21, 1898	P. . . 210 0 0 (a) L. A. . . 80 0 0	No. 20 (Burma Forests).	
81	Oct. 26, 1899	P. . . 220 0 0	No. 26 (Magnetic).	
82	Nov. 21, 1898	P. . . 210 0 0 (a) L. A. . . 80 0 0	No. 11 (Shan States).	
83	Nov. 21, 1898	P. . . 210 0 0 (a) L. A. . . 80 0 0	No. 8 (India).	
84	Nov. 21, 1898	P. . . 210 0 0	No. 12 (N.-W. Frontier).	
85	Nov. 21, 1898	P. . . 210 0 0	No. 7 (Burma).	
86	Sep. 23, 1899	P. . . 210 0 0	No. 18 (Punjab).	
87	July 1, 1886	P. . . 210 0 0	No. 25 (Tidal and Levelling)	Promoted from the Subordinate Service. Joined as writer, 1st July 1896.
88	Nov. 20, 1899	P. . . 210 0 0	No. 4 (Bihar).	
89	Nov. 20, 1899	P. . . 210 0 0 (a) L. A. . . 80 0 0	No. 20 (Burma Forests).	
90	May 24, 1900	P. . . 210 0 0	No. 4 (Bihar).	
91	Nov. 20, 1899	P. . . 210 0 0	No. 18 (Punjab).	
92	Nov. 21, 1899	P. . . 200 0 0 (b) L. A. . . 50 0 0	No. 3 (Lower Burma).	
93	Nov. 20, 1899	P. . . 200 0 0	No. 14 (N.-W. Frontier).	
94	Nov. 20, 1899	P. . . 200 0 0	No. 6 (Eastern Bengal).	
95	Dec. 31, 1897	P. . . 200 0 0	No. 26 (Magnetic)	Promoted from the Subordinate Service. Includes previous service in the Land Acquisition and Customs Department, Bengal, from 31st December 1897 to 20th November 1899. Joined as Computer, 21st November 1899.
96	Dec. 10, 1900	P. . . 200 0 0 (a) L. A. . . 80 0 0	No. 11 (Shan States).	
97	Nov. 15, 1900	P. . . 200 0 0	No. 6 (Eastern Bengal).	
98	June 15, 1901	P. . . 200 0 0	No. 4 (Bihar).	
99	Feb. 1, 1901	P. . . 200 0 0 (a) L. A. . . 80 0 0	No. 10 (Upper Burma).	
100	Nov. 15, 1900	P. . . 200 0 0	No. 4 (Bihar).	
101	Apr. 1, 1898	P. . . 176 0 0	No. 15 (N.-W. Frontier)	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 1st April 1898.
102	Dec. 31, 1888	P. . . 176 0 0 (a) L. A. . . 50 0 0	No. 3 (Lower Burma)	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 1st November 1888.
103	Sep. 10, 1899	P. . . 176 0 0	No. 15 (N.-W. Frontier)	Joined as Draftsman, Drawing Office, Calcutta, 10th September 1899.
104	Dec. 25, 1902	P. . . 176 0 0 (c) L. A. . . 80 0 0	No. 24 (India Triangulation).	

(a) Local Allowance, (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1899.

(b) Ditto (Burma), vide Financial Resolution No. 5926, dated 25th October 1899.

(c) Ditto (Baluchistan), ditto.

(1) Includes R85 Acting Allowance.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAME OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.
Sub-Assistant Superintendents—contd.

2ND GRADE. Salary R160 rising to R200 (27)—contd.

105	Smart, Arthur Boddington		16 11 80	Nov. 1, 1901	June 27, 1904
106	Talati, Ardeshir Maneckji, L.C.E.		29 12 81	Nov. 1, 1901	Aug. 13, 1904
107	Hunter, Arthur Burnie		28 7 82	Nov. 1, 1901	Sep. 1, 1904
108	Hardless, Henry Archelaus		25 12 79	Nov. 1, 1901	Sep. 1, 1904
109	Swiney, Walter Earle Sidney		25 1 81	Nov. 1, 1901	Sep. 1, 1904
110	Simpson, Patrick		12 2 81	Nov. 20, 1901	Sep. 1, 1904
111	Meyer, Ernest Alexander		11 10 80	Feb. 1, 1902	Sep. 1, 1904
112	Mazumdar, Nikunjo Ronjon		4 4 80	Nov. 1, 1902	Sep. 1, 1904
113	Saubolle, Raphael Edward		8 12 81	Nov. 1, 1902	Sep. 1, 1904
114	Kenny, Ernest Michael		19 1 83	Nov. 1, 1902	Sep. 18, 1904
115	Glass, Frank Cecil		16 10 81	Nov. 14, 1902	Oct. 7, 1904
116	Newland, Bertie Clifford		22 2 81	Nov. 15, 1902	Nov. 14, 1904
117	Amjad Ali		22 4 59	Jan. 22, 1903	Jan. 6, 1906
118	O'Sullivan, Edmond Charles		17 9 81	Feb. 1, 1903	June 7, 1905
119	Stotesbury, Henry Dudley Wood		6 5 82	Feb. 7, 1903	July 17, 1905
120	Sar, Priya Nath		18 2 80	Nov. 1, 1903	Aug. 14, 1905
121	Pushong, Oscar Newman		27 1 85	Nov. 1, 1903	Aug. 31, 1905
122	Tresham, Cecil Henry		3 4 84	Nov. 1, 1903	Oct. 5, 1905
123	Dewar, Terence Purves		4 8 85	Nov. 1, 1903	Dec. 19, 1905
124	Abdul Rahim, K. S.		15 8 68	Dec. 1, 1903	Jan. 5, 1906
125	Rennick, Denis Kingston		25 4 84	Jan. 4, 1904	Jan. 30, 1906
126	Fitz-Gibbon, Leonard Burton		26 2 81	Sep. 1, 1904	Feb. 27, 1906
127	Luxa, Douglas Henry		15 9 81	Sep. 1, 1904	Feb. 27, 1906
3rd GRADE. Salary R120 rising to R160 (40), including 20 temporary appointments.					
128	Williams, Louis		20 10 81	Sep. 1, 1904	
129	Abdul Hai		5 9 80	Sep. 1, 1904	
130	Newton, Isaac		23 8 79	Sep. 1, 1904	
131	McCraken, John		24 8 84	Sep. 1, 1904	
132	Plicher, Frederick Charles		9 6 85	Sep. 1, 1904	

Survey of India, as it stood on 1st July 1906—continued.

Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.
105	Nov. 1, 1901	P. . . 168 0 0	No. 4 (Bihar).	
106	Dec. 29, 1901	P. . . 168 0 0	No. 25 (Tidal and Levelling).	
107	July 26, 1902	P. . . 168 0 0	No. 14 (N.-W. Frontier).	
108	Nov. 1, 1901	P. . . 168 0 0	No. 5 (Chota-Nagpur).	
109	Nov. 1, 1901	P. . . 168 0 0 (a) L. A. . . 80 0 0	No. 7 (Burma).	
110	Nov. 20, 1901	P. . . 160 0 0	No. 15 (N.-W. Frontier).	
111	Feb. 1, 1902	P. . . 168 0 0	No. 26 (Magnetic).	
112	Nov. 1, 1902	P. . . 168 0 0	No. 26 (Magnetic).	
113	Nov. 1, 1902	P. . . 160 0 0	No. 1 (C. P.).	
114	Jan. 19, 1903	P. . . 160 0 0 (a) L. A. . . 80 0 0	No. 10 (Upper Burma).	
115	Oct. 16, 1901	P. . . 168 0 0	No. 1 (C. P.).	Previous service in P. W. Dept., United Provinces of Agra and Oudh.
116	Nov. 15, 1902	P. . . 168 0 0	No. 19 (Madras Forests).	
117	Mar. 13, 1881	P. . . 168 0 0 (b) L. A. . . 50 0 0	No. 20 (Burma Forests).	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 18th March 1881.
118	Feb. 1, 1903	P. . . 160 0 0	No. 15 (N.-W. Frontier).	
119	Feb. 7, 1903	P. . . 160 0 0 (b) L. A. . . 50 0 0	No. 3 (Lower Burma).	
120	Nov. 1, 1903	P. . . 160 0 0	No. 2 (Berar).	(Sub. pro: a.
121	Jan. 27, 1905	P. . . 160 0 0	No. 25 (Tidal and Levelling).	
122	Apr. 3, 1904	P. . . 160 0 0 (c) L. A. . . 80 0 0	No. 24 (India Triangulation).	
123	Aug. 4, 1905	P. . . 160 0 0	No. 15 (N.-W. Frontier).	
124	Aug. 15, 1888	P. . . 180 0 0 (a) L. A. . . 80 0 0	No. 10 (Upper Burma).	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 15th August 1888.
125	Apr. 25, 1904	P. . . 160 0 0	No. 15 (N.-W. Frontier).	
126	Sep. 1, 1904	P. . . 160 0 0	No. 5 (Chota-Nagpur).	Previous temporary service in Cadastre Establishment.
127	Sep. 1, 1904	P. . . 160 0 0	No. 2 (Berar).	On probation.
128	Sep. 1, 1904	P. . . 128 0 0	No. 2 (Berar).	On probation.
129	Sep. 1, 1904	P. . . 128 0 0	Ditto	Ditto.
130	Sep. 1, 1904	P. . . 128 0 0	No. 6 (Eastern Bengal).	
131	Sep. 1, 1904	P. . . 128 0 0 (a) L. A. . . 80 0 0	No. 10 (Upper Burma).	On probation.
132	June 9, 1905	P. . . 128 0 0	No. 2 (Berar).	Ditto.

(a) Local Allowance (Upper Burma), vide Department of Finance and Commerce, No. 756, dated 11th February 1909.
(b) Ditto (Burma), vide Financial Resolution No. 6826, dated 26th October 1888.
(c) Ditto (Baluchistan) ditto.
(d) Presidency Allowance, vide Financial Resolution No. 704, dated 22nd February 1896.

Classified List of Officers of the Provincial Service.

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—contd.

Sub-Assistant Superintendents—contd.

3RD GRADE. Salary ₹120 rising to ₹160 (19), including 20 temporary appointments—contd.

133	Mitra, Amar Krishna		17 8 80	Oct. 15, 1904	
134	Johnson, James Henry		13 9 84	Sep. 1, 1904	
135	Kitchen, Thomas Francis		2 3 81	Sep. 1, 1904	
136	Harrington, Anselm George		21 4 85	Nov. 1, 1904	
137	M. Mahadeva Mudaliar		24 10 84	Nov. 1, 1904	
138	Graham, Albert Aitken		15 12 85	Nov. 1, 1904	
139	Collins, Vivian Donald Berry		10 1 85	Nov. 1, 1904	
140	Hanson, Ronald Clarence		27 5 83	Nov. 1, 1904	
141	Abdul Aziz		23 11 82	Nov. 1, 1904	
142	Drake, Arthur John Alexander		29 3 85	Nov. 14, 1904	
143	Grant, Francis Herbert		10 8 85	Nov. 14, 1904	
144	Kitchen, Frederick Bernard		9 10 84	June 1, 1905	
145	Cooper, Bertie Franklin		25 12 82	July 4, 1905	
146	Munshi Lal		16 6 82	Nov. 1, 1905	
147	Picard, Cecil Osmund		6 10 86	Nov. 1, 1905	
148	Hughes, Henry Thomas		24 8 86	Nov. 1, 1905	
149	Mitra, Prafulla Chandra		16 1 83	Nov. 1, 1905	
150	Smith, Frederick William		7 8 85	Nov. 1, 1905	
151	Beedham, John William		18 10 85	Nov. 25, 1905	
152	McDonald, Henry William		15 11 86	Nov. 1, 1905	
153	Raj Bahadur		18 8 83	Nov. 1, 1905	
154	Wainright, Victor Paul		19 1 85	Nov. 1, 1905	
155	Butterfield, Henry Harold Prout		23 7 86	Nov. 1, 1905	
156	Norman, Gerard Austin		25 6 83	Dec. 1, 1905	
157	Cooper, Gilbert Edward Routliff		24 8 85	Dec. 4, 1905	
158	Miller, William James Barnes		22 12 83	Dec. 4, 1905	
159	Saint, Frederick Charles		24 8 87	Dec. 1, 1905	
160	Bahji Dn		8 1 59	Dec. 19, 1905	

Survey of India, as it stood on 1st July 1906—continued.

Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.
133	Oct. 15, 1904	P. . . . 128 0 0	No. 2 (Berar)	On probation.
134	Sep. 13, 1904	P. . . . 128 0 0	Ditto	Ditto.
135	Sep. 1, 1904	P. . . . 120 0 0	No. 4 (Bihar)	Previous temporary service in Cadastral Establishment.
136	Apr. 21, 1905	P. . . . 128 0 0	No. 15 (N.W. Frontier)	On probation.
137	Nov. 1, 1904	P. . . . 128 0 0	No. 2 (Berar)	Ditto.
138	Dec. 15, 1905	P. . . . 128 0 0	Ditto	Ditto.
139	Jan. 10, 1905	P. . . . 128 0 0	Ditto	Ditto.
140	Nov. 1, 1904	P. . . . 128 0 0	Ditto	Ditto.
141	Nov. 1, 1904	P. . . . 120 0 0	Dehra Training School	Ditto.
142	Mar. 29, 1905	P. . . . 128 0 0	No. 2 (Berar)	Ditto.
143	Aug. 10, 1905	P. . . . 128 0 0	Ditto	Ditto.
144	June 1, 1905	P. . . . 128 0 0	Ditto	Ditto.
145	July 4, 1905	P. . . . 120 0 0	Ditto	Ditto.
146	Nov. 1, 1905	P. . . . 120 0 0	Dehra Training School	Ditto.
147	Oct. 8, 1906	P. . . . 120 0 0	Ditto ditto	Ditto.
148	Aug. 24, 1906	P. . . . 120 0 0	Ditto ditto	Ditto. Leave on medical certificate for 3 months from 17th April 1906.
149	Nov. 1, 1905	P. . . . 120 0 0	Ditto ditto	On probation.
150	Nov. 1, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
151	Nov. 25, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
152	Nov. 15, 1906	P. . . . 120 0 0	Ditto ditto	Ditto.
153	Nov. 1, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
154	Nov. 1, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
155	July 23, 1906	P. . . . 120 0 0	Ditto ditto	Ditto.
156	Dec. 1, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
157	Dec. 4, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
158	Dec. 4, 1905	P. . . . 120 0 0	Ditto ditto	Ditto.
159	Aug. 24, 1907	P. . . . 120 0 0	Ditto ditto	Ditto.
160	Sept. 13, 1879	P. . . . 120 0 0	No. 19 (Madras Forests.)	Ditto. Promoted from Subordinate Service. Joined as Sub-Surveyor, 13th September 1879.

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Language qualifications.	Date of birth.	Date of first joining the Department.	Date of appointment to the present grade.

PROVINCIAL SERVICE—concl'd.

Sub-Assistant Superintendents—concl'd.

3RD GRADE. Salary R120 rising to R160 (49), including 20 temporary appointments—concl'd.

161	Vacant . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
162	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
163	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
164	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
165	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
166	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
167	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
168	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
169	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
170	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
171	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
172	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
173	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
174	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
175	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .
176	Ditto . . . . .	. . . . .	. . . . .	. . . . .	. . . . .

Survey of India, as it stood on 1st July 1906—concluded.

...	7	8	9	10
Serial No.	Date of commencement of service counting for pension.	Salary.	Where employed at present.	REMARKS.

R a p.

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Administrative and Technical Offices of the Survey of India, as they stood on 1st July 1906.

NAMES OF OFFICES AND SECTIONS.	Nature of work.	Officer in charge.
Head-Quarters, Calcutta.		
<i>Administrative.</i>		
Surveyor General's	Accounts, Correspondence, etc.	A. S. G., S. G. O.
Deputy Surveyor General's	Ditto	D. S. G.
<i>Technical.</i>		
Drawing	Mapping and Compiling	} A. S. G., D. O.
Engraving	Map engraving by hand	
Photographic and Lithographic	Reproduction of maps	A. S. G., P. L. O.
Mathematical Instrument	Receipts, Issues, Manufactures and Repairs of Instruments.	A. S. G., M. I. O.
Map, Record and Issue	Receipts and Issues of maps	A. S. G., D. O.
Trigonometrical Branch, Dehra Dún.		
<i>Administrative.</i>		
Superintendent's	Accounts, Correspondence	Supdt., Trig. Surveys.
<i>Technical.</i>		
Computing	Reduction of Geodetic operations	Supdt.
Drawing	Mapping	Do.
Meteorological . . . . .	. . . . .	Do.
Photo-zincographic	Reproduction of maps	Do.
Printing	Type-Printing	Do.
Solar Photographic	Solar Photography	Do.
Forest Survey Branch, Dehra Dún.		
<i>Administrative.</i>		
Superintendent's	Accounts, Correspondence	Supdt., Forest Surveys.
<i>Technical.</i>		
Computing	Computing, Triangulation and Traverses	Supdt.
Drawing	Mapping and Compiling	Do.
Map, Record and Issue	Receipts and Issues of maps	Do.

Field Parties and Offices of the Survey of India, as they stood on 1st July 1906.

No. of Party or office.	Locale of Operations.	Recess Quarters.	Nature of Current Operations.	Administrative Officer.
No. 1	Central Provinces	Mussooree	Topographical	D. S. G.
" 2	Berar	Poona	Ditto	Ditto.
" 3	Lower Burma	Bangalore	Ditto	Ditto.
" 4	Bihar	Digha and Mussooree.	Cadastral	Supdt., Provl. Surveys, Bengal.
" 5	Chota Nagpur	Ranchi	Traverse	Ditto.
" 6	Eastern Bengal	Barrackpur	Ditto and Topo.	Ditto.
" 7	Burma	Maymyo	Cadastral	D. S. G.
" 9	India	Dehra Dún	Topo. Forests	Supdt., Forest Surveys.
" 10	Upper Burma	Bangalore	Topographical	D. S. G.
" 11	Shan States	Taunggyi	Ditto	Ditto.
" 12	N.-W. Frontier	Mussooree	Ditto	S. G.
" 14	Ditto	Mussooree	Ditto	Ditto.
" 15	Ditto	Mussooree	Ditto	Ditto.
" 17	Bombay	Poona	Topo. Forests	Supdt., Forest Surveys.
" 18	Punjab	Simla	Topographical	S. G.
" 19	Madras	Bangalore	Topo. Forests	Supdt., Forest Surveys.
" 20	Burma	Dehra Dún	Ditto	Ditto.
" 22	India	Mussooree	Astronomical	Supdt., Trigl. Surveys.
" 23	Do.	Mussooree	Pendulum	Ditto.
" 24	Do.	Mussooree	Triangulation	Ditto.
" 25	Do.	Dehra Dún	Tide-Registering and Levelling	Ditto.
" 26	Do.	Mussooree	Magnetic	Ditto.
Drawing Office.	Bangalore	Bangalore	Mapping and Compiling	D. S. G.
Ditto	United Provinces	Naini Tál	Ditto ditto	Ditto.
Ditto	N.-W. Frontier	Mussooree	Ditto ditto	S. G.
Ditto	Bengal	Calcutta	Ditto ditto	Supdt., Provl. Surveys, Bengal.
Training School.	Dehra	Dehra Dún	Instruction in Surveying	Supdt., Trigl. Surveys.
Cantonment Section No. 1.	Punjab . . . . .	.....	Cantonment Surveys	D. S. G.
Ditto No. 2	Bombay . . . . .	.....	Ditto	Ditto.*
Ditto No. 3	Madras . . . . .	.....	Ditto	Ditto.

List of Officers of the Survey of India temporarily transferred, 1st July 1906.

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> Capt. H. H. Turner, R.E.		D. Sup.	2nd		Mar. 26, 06	On duty at the School of Military Engineering, Chatham.
	*O. P. Torrens	E. A. Sup.	2nd	Burma	Oct. 1, 89	
	*A. L. George	E. A. Sup.	3rd	Ditto	Oct. 27, 99	
	*P. Beschey	E. A. Sup.	3rd	Ditto	June 8, 90	
	*W. E. Johnson	E. A. Sup.	4th	Ditto	Nov. 7, 95	
	*J. A. T. Had-dock	E. A. Sup.	4th	Ditto	Oct. 16, 91	
	*W. J. Baker	E. A. Sup.	4th	Ditto	Sep. 21, 99	
	*O. G. S. Wood	E. A. Sup.	4th	Ditto	Apl. 1, 94	
	*H. B. Powell	E. A. Sup.	5th	Ditto	Nov. 20, 95	
	P. L. Causley	E. A. Sup.	6th	Bengal	Nov. 19, 05	

* Seconded.

List of Officers of the Survey of India on leave on 1st July 1906.

Names.	Designation, rank or grade.	Nature of leave.	Period of leave.	Leave began.	Leave ends.	REMARKS.
Imperial.						
Y. M. D.						
T. A. Pope	Sup. 2nd	P. L. with furlough.	1 0 0	Oct. 19, 05	Oct. 18, 06	
Major J. M. Burn, R.E.	D. Sup. 1st	P. L. with furlough.	1 0 23	Sept. 16, 05	Oct. 7, 06	
Major C. H. D. Ryder, D.S.O., R.E.	D. Sup. 1st	P. L. with furlough.	1 11 17	Apl. 13, 05	Mar. 29, 07	
Capt. W. M. Coldstream, R.E.	D. Sup. 1st	P. L. with furlough.	1 8 0	Jan. 11, 06	Sept. 11, 07	
Major F. W. Pirrie, I.A.	D. Sup. 2nd	P. L. with furlough.	1 3 0	Sept. 16, 05	Dec. 15, 06	
Capt. E. A. Tandy, R.E.	D. Sup. 2nd	P. L. with furlough.	1 3 0	Aug. 2, 05	Nov. 1, 06	
Capt. H. Mc.C. Cowie, R.E.	A. Sup. 1st	P. L. with furlough.	1 6 0	Mar. 18, 05	Sept. 17, 06	
Capt. C. P. Gunter, R.E.	A. Sup. 1st	P. L. with furlough.	1 5 4	June 1, 05	Nov. 3, 06	
Capt. L. C. Thullier, I.A.	A. Sup. 2nd	P. L. with furlough.	1 2 19	Feb. 26, 06	May 14, 07	
Provincial.						
G. A. Knight	E. A. Sup. 1st	P. L. with furlough.	2 0 0	June 15, 06	June 14, 08	
N. Bedford	E. A. Sup. 3rd	P. L.	0 3 0	May 14, 06	Aug. 13, 06	
A. Descubes	E. A. Sup. 4th	P. L.	0 3 0	June 19, 06	Sept. 18, 06	
A. B. Smart	E. A. Sup. 4th	P. L.	0 3 0	Apl. 17, 06	July 16, 06	
F. S. Bell	E. A. Sup. 4th	P. L.	0 1 15	June 14, 06	July 28, 06	
Abinash Chunder Bose	E. A. Sup. 6th	P. L.	0 1 0	June 13, 06	July 12, 06	
Rama Prasad Ray, D.A.	S. A. S. 1st	P. L.	0 3 0	May 21, 06	Aug. 20, 06	
E. B. West	S. A. S. 2nd	P. L.	0 2 0	June 10, 06	Aug. 9, 06	
W. E. S. Swiney	S. A. S. 2nd	P. L.	0 2 25	June 1, 06	Aug. 25, 06	
Amjad Ali	S. A. S. 2nd	P. L.	0 3 0	June 26, 06	Sept. 25, 06	
H. T. Hughes	S. A. S. 3rd	Leave on M.C.	0 3 0	Apl. 17, 06	July 6, 06	

Disposition List of Administrative Officers of the Survey of India, 1st July 1906.

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 (Calcutta.)	Col. F. B. Longe, B.E.	. . . .	. . . .	. . . .	. . . .	Feb. 24, 04	Direction of all Offices and superintendence of— No. 12 Party (N.-W. Frontier). No. 14 Party (N.-W. Frontier). No. 15 Party (N.-W. Frontier). No. 18 Party (Panjab). N.-W. Frontier Drawing Office.
		Capt. G. A. Beazeley, R.E.	. . . .	Offr. D. Sup.	1st	June 25, 06	
Deputy Surveyor General. (Calcutta.)	Lt.-Col. G. B. Hodgson, I.A.	. . . .	. . . .	. . . .	. . . .	Aug. 31, 05	Superintendence of— No. 1 Party (C. P.). No. 2 Party (Barar). No. 3 Party (Lower Burma). No. 7 Party (Burma). No. 10 Party (Upper Burma). No. 11 Party (Shan States). United Provinces Drawing Office. Bangalore Drawing Office. Cantonment Section No. 1. Ditto No. 2. Ditto No. 3.
Superintendent, Provincial Surveys, Bengal. (Dinapur Cantonment.)	Major R. T. Crichton, I.A.	. . . .	. . . .	Sup.	2nd	Nov. 7, 00	Superintendence of— No. 4 Party (Bihar). No. 5 Party (Chota Nagpur). No. 6 Party (Eastern Bengal). Bengal Drawing Office.

Disposition List of Administrative Officers of the Survey of India, 1st July 1906—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Superintendent, Trigonometrical Surveys. (Dehra Dún.)	Lt.-Col. S. G. Burrard, B.E., F.E.S.	. . . .	. . . .	Sup.	1st	Oct. 1, 99	Superintendence of Offices at Dehra and of— No. 22 Party (Astro.) No. 23 Party (Pendulum). No. 24 Party (India Triangulation). No. 25 Party (Tidal and Levelling). No. 26 Party (Magnetic).
		J. Eccles, M.A.	. . . .	Sup.	1st	Nov. 28, 05	In charge Computing Party.
		Lieut. L. G. Crosthwait, I.A.	. . . .	A. Sup.	2nd	Oct. 13, 05	Trigl. Branch Office.
		Lieut. F. F. Hunter, I.A.	. . . .	A. Sup.	2nd	Apr. 27, 06	Ditto.
		Lieut. V. R. Cotter, I.A.	. . . .	A. Sup.	2nd	Oct. 30, 05	Ditto.
		Lieut. K. W. Pye, B.E.	. . . .	A. Sup.	2nd	Mar. 17, 06	Ditto.
		W. M. Kelly	. . . .	E. Dy. Sup.	2nd	Mar. 19, 05	Ditto.
		J. H. Nichol	. . . .	E. A. Sup.	5th	May 1, 05	Ditto.
		Syed Aulad Hossein	. . . .	E. A. Sup.	5th	May 11, 00	Ditto.
		O. C. Olleubach	. . . .	E. A. Sup.	5th	May 7, 01	Ditto.
Superintendent, Forest Surveys. (Dehra Dún.)	Major P. J. Gordon, I.A.	. . . .	. . . .	Offr. Sup.	2nd	Oct. 1, 00	Superintendence of offices at Dehra and of— No. 9 Party (India). No. 17 Party (Bombay). No. 19 Party (Madras). No. 20 Party (Burma). Forest Survey Office. Ditto.
		A. Descubes	. . . .	E. A. Sup.	4th	Jan. 18, 87	
		M. C. Potters	. . . .	E. A. Sup.	6th	May 21, 06	

Disposition List of Officers of the Survey of

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
1	Central Provinces (Topographical).	D. S. G.	Capt. A. H. B. Hume, R.E.	Offg. Dy. Sup.	1st	Nov. 19, 03
			W. Skilling	E. A. Sup.	4th	Nov. 15, 05
			F. P. Walsh	E. A. Sup.	4th	July 1, 06
			W. Newland	E. A. Sup.	5th	Oct. 1, 05
			B. M. Berrill	Offg. E.A. Sup.	6th	Oct. 14, 03
			R. E. Saubolle	S. A. S.	2nd	Oct. 14, 05
			F. C. Glass	S. A. S.	2nd	Nov. 7, 03
Recess quarters, Mussooree.			Permanent Establishment	:	:	:
			Temporary ditto	:	:	:

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
2	Berar (Topographical).	D.S.G.	Capt. H. Wood, R.E.	Offg. D. Sup.	2nd	Dec. 10, 05
			Lieut. H. J. Couchman, R. E.	A. Sup.	2nd	Jan. 30, 06
			Lieut. S. W. S. Hamilton, R. E.	A. Sup.	2nd	Jan. 14, 06
			C. J. Veale	E. A. Sup.	6th	Oct. 8, 05
			Priya Nath Sur	S. A. S. (Sub. pro tem.)	2nd	Sep. 21, 04
			D. H. Luxa	S. A. S.	2nd	Sep. 1, 05
			L. Williams	S. A. S.	3rd	Nov. 16, 05
			Abdul Hai	S. A. S.	3rd	Sep. 1, 05
			J. McCracken	S. A. S.	3rd	Sep. 1, 05
			F. C. Pilcher	S. A. S.	3rd	Nov. 16, 05
			Amar Krishna Mitra	S. A. S.	3rd	Sep. 1, 05
			J. H. Johnson	S. A. S.	3rd	Sep. 1, 05
			M. Mahadeva Mudaliar	S. A. S.	3rd	Oct. 3, 05
			A. A. Graham	S. A. S.	3rd	Oct. 3, 05
			V. D. B. Collins	S. A. S.	3rd	Oct. 3, 05
			B. C. Hanson	S. A. S.	3rd	Oct. 3, 05
			A. J. A. Drake	S. A. S.	3rd	Oct. 3, 05
			F. H. Grant	S. A. S.	3rd	Nov. 16, 05
			F. B. Kitchen	S. A. S.	3rd	Oct. 3, 05
			B. F. Cooper	S. A. S.	3rd	Oct. 3, 05
Recess quarters, Poona.			Permanent Establishment	:	:	:
			Temporary ditto	:	:	:

India attached to Field Parties, 1st July 1906.

SUBORDINATE ESTABLISHMENT.							Sanctioned Budget for 1906-1907.	REMARKS.
Surveyors, etc.	Draftsmen, Computers, Writers, Interpreters.	Menial Establishment.		Cadastral Establishment.		Hospital Assistants.		
		Tindals and Khalasis.	Burkundazes and Peons.	Amins, Patwaries, etc.	Estimators.		Rs.	
12	5	32	17	...	...	1	75,870	In charge.
23	8	292	1	...	...	...
...	1,40,200	In charge.
...		On probation.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
...		Do.
5	2	39	2	...	...	1		
2	...	228	...	...	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
3	Lower Burma (Topographical).	D. S. G.	E. F. Litchfield	D. Sup.	1st	Sep. 1, 99
			W. M. Gorman	E. A. Sup.	5th	Jan. 18, 03
			J. Donaghey	E. A. Sup.	6th	Oct. 28, 99
			E. Claudius	S. A. S.	1st	Oct. 12, 00
			Asmatulla Khan	S. A. S.	2nd	Oct. 18, 98
			H. D. W. Statesbury	S. A. S.	2nd	Nov. 3, 03
Recess quarters, Bangalore			Permanent Establishment			
			Temporary ditto			
4	Dihar (Cadastral).	Supdt., Provl. Surveys, Bengal.	Capt. F. C. Hirst, I.A.	Offg. Dy. Sup.	2nd	Nov. 5, 05
			C. S. Kraal	E. A. Sup.	2nd	Oct. 1, 99
			N. Bedford	E. A. Sup.	3rd	Nov. 10, 05
			J. H. Murphy	E. A. Sup.	5th	Dec. 22, 05
			C. A. O'Donel	E. A. Sup.	6th	Feb. 1, 05
			J. C. C. Lears	S. A. S.	1st	Nov. 20, 04
			O. J. H. Hart	S. A. S.	1st	Nov. 1, 01
			P. Kenuegy	S. A. S.	1st	Nov. 3, 05
			F. W. Marten	S. A. S.	1st	Sep. 21, 05
			A. B. Smart, Jr.	S. A. S.	2nd	Oct. 16, 05
			T. F. Kitchon	S. A. S.	3rd	Nov. 8, 04
Recess quarters, Digha and Mussooree.			Permanent Establishment			
			Temporary ditto			
5	Chota-Nagpur (Traverse).	Supdt., Provl. Surveys, Bengal.	T. W. Babonau	E. A. Sup.	4th	Nov. 1, 04
			H. A. Hardless	S. A. S.	2nd	Nov. 9, 05
			L. B. Fitz-Gibbon	S. A. S.	2nd	Nov. 15, 04
Recess quarters, Ranchi.			Permanent Establishment			
			Temporary ditto			

attached to Field Parties, 1st July 1906—continued.

SUBORDINATE ESTABLISHMENT.							Sanctioned Budget for 1906-1907.	REMARKS.
Surveyors, etc.	Draftsmen, Computers, Writers, Interpreters.	Menial Establishment.		Cadastral Establishment.		Hospital Assistants.		
		Tindals and Khalasis.	Burkundazes and Peons.	Amins, Patwaris, etc.	Estimators.		Rs.	
5	4	17	8	...	...	1	97,720	In charge.
16	2	234	1	...	...	...	...	...
...	...	...	...	...	...	...	2,96,946	In charge.
13	9	32	13	792	10	2	...	...
27	59	1,420	7	...	...	...	...	...
...	...	...	...	...	...	...	96,205	In charge.
9	8	8	10	...	...	1	...	...
41	27	641	4	...	...	...	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
6	Eastern Bengal (Traverse and Topo.) Necess quarters, Barrackpor	Supdt., Provl. Surveys, Bengal.	A. W. Smart			Feb. 27, 06
			C. H. G. Johnson	E. A. Sup.	4th	Nov. 1, 06
			E. G. Hardinge	E. A. Sup.	6th	Nov. 1, 06
			O. E. C. Judd	S. A. S.	1st	Nov. 8, 06
			P. F. Delaney	S. A. S.	1st	Oct. 16, 06
			I. Newton	S. A. S.	3rd	Nov. 5, 06
				Permanent Establishment		
				Temporary ditto		
	Bengal Drawing Office Calcutta.	Supdt., Provl. Surveys, Bengal.	L. F. Berkeley	E. A. Sup.	1st	Oct. 1, 06
			Nilmoni Chatterjee	E. A. Sup.	5th	Dec. 28, 06
				Permanent Establishment		
				Temporary ditto		
7	Burma (Cadastral). Necess quarters, Maymyo.	D. S. G.	Major C. W. H. Symonds, I.A.	D. Sup.	1st	Nov. 4, 04
			O. D. Smart	E. A. Sup.	4th	July 1, 02
			C. G. Lee	E. A. Sup.	4th	July 7, 02
			Jagdamba Prasad	E. A. Sup.	6th	Jan. 24, 00
			Abinash Chunder Bose	E. A. Sup. (Sub. pro tem.)	6th	Oct. 10, 09
			C. S. Littlewood	E. A. Sup.	6th	Oct. 1, 05
			S. F. Norman (Jr.)	S. A. S.	1st	Jan. 19, 08
			W. E. S. Swiney	S. A. S.	2nd	Oct. 21, 02
			Permanent Establishment			
				Temporary ditto		

attached to Field Parties, 1st July 1906—continued.

Surveyors, etc.	SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1906-1907. Rs.	REMARKS.
	Draftsmen, Computers, Writers, Interpreters.	Medical Establishment.		Cadastral Establishment.		Hospital Assistants		
		Tindals and Khalasis.	Burkandazes and Peons.	Amins, Patwaries, etc.	Estimators.			
							1,77,207	In charge. Retired, in temporary employ.
22 38	13 26	15 863	13 1	14 ...	...	1		
							1,12,557	In charge.
...	8 105	2 12	1 3	...	12 ...	...	
							1,91,440	In charge.
10 2	15 5	43 162	18 ...	378 ...	33 ...	2 ...		

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
9	India (Topo. Forests.)	Supt., Forest Surveys.	Major P. J. Gordon, I. A.	Sup.	2nd	Nov. 9, 01
			C. George	E. A. Sup.	3rd	Nov. 1, 05
			C. Lithfield	E. A. Sup.	5th	Sep. 1, 01
			P. A. T. Kenny	S. A. S.	1st	Sep. 1, 01
Recess quarters, Dehra Dún			Permanent Establishment			
			Temporary ditto			
			Daily Labour ditto			
10	Upper Burma (Topographical).	D. S. G.	Capt. A. A. McHarg, R.E.	Offg. D. Sup.	2nd	Oct. 19, 05
			R. Waller-Senior	E. A. Sup.	3rd	Oct. 6, 00
			P. J. Barrington	E. A. Sup.	4th	Nov. 14, 98
			W. G. Jarbo	E. A. Sup. (Sub. pro. tem.)	6th	Oct. 1, 98
			C. West	S. A. S.	1st	Oct. 26, 01
			E. M. Kenny	S. A. S.	2nd	Oct. 23, 03
			Abdul Rahim, K. S.	S. A. S.	2nd	June 18, 06
Recess quarters, Bangalore.			Permanent Establishment			
			Temporary ditto			
11	Shan States (Topographical).	D. S. G.	Lieut. R. H. Phillimore, R.E.	Offg. A. Sup.	1st	May 24, 05
			S. S. McA'Fee, Fielding	S. A. S.	1st	May 14, 06
			V. W. Morton	S. A. S.	1st	Oct. 7, 01
			Recess quarters, Taunggyi.			Permanent Establishment
			Temporary ditto			
12	N.-W. Frontier (Topographical).	S. G.	Capt. E. T. Rich, R.E.	Offg. D. Sup.	2nd	Sep. 5, 05
			Lt. M. N. MacLeod, R.E.	Offg. A. Sup.	1st	Apr. 11, 06
			Rahmatulla	E. A. Sup.	5th	Nov. 22, 96
			Dhan Ram	E. A. Sup.	6th	Oct. 20, 98
			H.C. W. Stotesbury	S. A. S.	1st	Oct. 14, 05
			Recess quarters, Mussooree.			Permanent Establishment
			Temporary ditto			

attached to Field Parties, 1st July 1906—continued.

SUBORDINATE ESTABLISHMENT.							Sanctioned Budget for 1906-1907.	REMARKS.
Surveyors, etc.	Draftsmen, Computers, Writers, Interpreters.	Merial Establishment.		Cadastral Establishment.		Hospital Assistants.		
		Tindals and Khalasis.	Burkundazes and Peons.	Amins, Patwaries, etc.	Estimators.		Rs.	
							77,000	In charge.
25	3	8	...	...	...	1		
23	6	5	...	...	...	...
23	...	480	...	...	...	...
							1,11,800	In charge.
11	1	289	8	...	...	1		
10	1	...	...	...	...	...
							76,900	In charge.
6	1	51	6	...	...	1		
7	...	112	...	...	...	...
							88,50	In charge.
11	3	41	...	...	...	...
3	1	45	...	...	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
22	India (Astronomical). Recess quarters, Mussooree.	Supdt., Trig. Sys.	Lt.-Col. S. G. Burrard, B.E., F.R.S.	Sup.	1st	Mar. 18, 06
				Permanent Establishment		
				Temporary ditto		
23	India (Pendulum). Recess quarters, Mussooree.	Supdt., Trig. Sys.	Major G. P. Lenox-Conyngham, B.E. Hanuman Prasad	Sup. E. A. Sup.	2nd 6th	Dec. 14, 06 Feb. 1, 08
				Permanent Establishment		
				Temporary ditto		
24	India (Triangulation). Recess quarters, Mussooree.	Supdt., Trig. Sys.	Lt. C. M. Browne, D.S.O., B.E. C. D. Simons C. H. Tresham	Offg. A. Sup. S. A. S. S. A. S.	1st 2nd 2nd	June 27, 06 Oct. 2, 02 Aug 29, 05
				Permanent Establishment		
				Temporary ditto		
25	India (Tidal and Levelling). Recess quarters, Dehra Dún	Supdt., Trig. Sys.	C. F. Erskine J. P. Barker H. G. Shaw E. H. Corridon A. M. Talati Syed Zille Haenali O. N. Pushong	Offg. Sup. E. A. Sup. E. A. Sup. E. A. Sup. S. A. S. S. A. S. S. A. S.	2nd 3rd 4th 6th 2nd 1st 2nd	Dec. 28, 06 Jan. 2, 07 Sep. 20, 00 Aug. 2, 00 Oct. 14, 05 Oct. 1, 97 Oct. 9, 05
				Permanent Establishment		
				Temporary ditto		
26	India (Magnetic). Recess quarters, Mussooree.	Supdt., Trig. Sys.	Capt. R. H. Thomas, B.E. E. C. J. Bond H. P. D. Morton Rama Prasad Ray, B.A. E. A. Meyer N. R. Mazumdar	Offg. D. Sup. E. A. Sup. S. A. S. S. A. S. S. A. S. S. A. S.	2nd 6th 1st 1st 2nd 2nd	July 20, 03 Apr. 10, 05 May 19, 02 June 15, 01 Nov. 3, 02 Oct. 31, 03
				Permanent Establishment		
				Temporary ditto		

attached to Field Parties, 1st July 1906—continued.

Surveyors, etc.	Draftsmen, Computers, Writers, Interpreters.	SUBORDINATE ESTABLISHMENT.				Hospital Assistants.	Sanctioned Budget for 1906-1907. Rs.	REMARKS.
		Merial Establishment.		Cadastral Establishment.				
		Tindals and Khulasis.	Burkundazes and Peons.	Amins, Patwaries, etc.	Estimators.			
...	...	...	...	...	...	17,970	In charge.
... 1	... 2	10 5	3	...	...	...	...
...	...	...	...	...	...	37,000	In charge.
... 1	... 1	13 18	2 2	...	...	...	...
...	...	...	...	...	...	67,520	In charge.
... 1	... 3	26 130	12	...	...	...	...
...	...	...	...	...	...	79,910	In charge.
1 1	12 15	66	9	...	...	...	...
...	...	...	...	...	...	88,250	In charge.
... 3	1 13	15 45	4 1	...	...	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.	
	Bangalore Drawing Office Bangalore.	E. S. G.	T. Shaw	E. I. Sup.	1st	June 7, 06	
Permanent Establishment Temporary ditto							
	United Provinces Drawing Office Naini Tal.	D. S. G.	J. M. Kennedy F. S. Bell	E. A. Sup. E. A. Sup.	2nd 4th	Nov. 14, 04 Apr. 22, 06	
Permanent Establishment Temporary ditto							
	Dehra Training School Dehra Dón.	Supdt., Trig. Sys.	B. R. Hughes Abdul Aziz Munshi Lal C. O. Picard H. T. Hughes Prafulla Chandra Mitra F. W. Smith J. W. Eccdham H. W. McDonald Raj Bahadur V. P. Wainright H. H. P. Butterfield G. A. Norman G. E. R. Cooper W. J. B. Millor F. C. Saint	E. A. Sup. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S. S. A. S.	3rd 3rd 3rd 3rd 3rd 3rd 3rd 3rd 3rd 3rd 3rd 3rd 1st 3rd 3rd 3rd	July Nov. Nov. Nov. Nov. Nov. Nov. Nov. Nov. Nov. Nov. Nov. Dec. Dec. Dec. Dec.	8. 03 1. 04 1. 05 1. 05 1. 06 1. 05 1. 05 25. 05 1. 05 1. 05 1. 05 1. 05 1. 05 4. 05 4. 05 1. 05
Permanent Establishment Temporary ditto							

attached to Field Parties, 1st July 1906—continued.

SUBORDINATE ESTABLISHMENT.							Sanctioned Budget for 1906-1907. Rs.	REMARKS.
Surveyors, etc.	Draftsmen, Computers, Writers, Interpreters.	Menial Establishment.		Cadastral Establishment.		Hospital Assistants.		
		Tindals and Khalasis.	Burkundazes and Peons.	Amins, Patwaris, etc.	Estimators.			
..	22,400	In charge
..	5 16	3 6	..	1	..	..	..
..	28,000	In charge.
..	5 39	..	8	..	1	..	..
..	4,500	In charge.
..	On probation.
..	Ditto.
..	Ditto.
..	Ditto. Leave on medical certificate for 8 months, from 17th April 1906.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
..	Ditto.
1	50	..	..	..	..

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial and Provincial Services.	Class.	Grade.	Date of appointment to Party.
Cantonment Section No. 1.	Punjab	D. S. G.	J. McHatton . . . . .	. . . . .	. . . . .	Aug. 19 06
Cantonment Section No. 2.	Bombay	D. S. G.	E. G. Little . . . . .	. . . . .	. . . . .	Dec. 12, 06
Cantonment Section No. 3.	Madras	D. S. G.	L. J. Pocock . . . . .	. . . . .	. . . . .	Jan. 1, 08

attached to Field Parties, 1st July 1906—concluded.

Surveyors etc.	Draftsmen, Computers, Writers, Interpreters.	Menial Establishment.		Cadastral Establishment.		Hospital Assistants.	Sanctioned Budget for 1906-1907. Rs.	REMARKS.
		Tindals and Khalasis.	Burkundazes and Peons.	Amins, Patwaris, etc.	Estimators.			
				
.	23,440	Returned, in temporary employ.	
.	20,820	Retired, in temporary employ.	

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

Corrected up to 1st July 1906.

Baker, Lieutenant Edward Carlton, R.E.—Joined the service, 25th June 1900; arrived, 25th September 1902.

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>On duty at the School of Military Engineering, Chatham, till 5th September 1902.</i>				
...	Posted to Indian Establishment	5th Sept. 1901	.....	...
Mian Mir	Military Works Services	25th May 1902	.....	...
Abbotabad	Ditto ditto ditto	7th Nov. 1902	.....	...
Kohat	Ditto ditto ditto	13th Jan. 1904	.....	...
<i>Privilege leave for 2 months from 25th May 1904.</i>				
Peshawar	Personal Assistant to Commanding Royal Engineer, North-West Frontier Province, Military Works Services	25th July 1904	.....	...
Kohat	Military Works Services	6th Oct. 1904	.....	...
Parachinar (Kurram Valley).	Ditto ditto ditto	23rd Oct. 1904	.....	...
N.-W. Frontier	Assistant Supdt., 2nd grade, Survey of India attached to No. 14 Party (N.-W. Frontier)	12th Jan. 1906	.....	...

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

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd Lieutenant, Royal Engineers	17th Feb. 1890	.....	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
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On duty at the School of Military Engineering, Chatham, from 1st April 1890 to October 1892.

Cork Harbour	Posted to No. 33 (Submarine Mining) Co., R.E.	Oct. 1892	.....	...
...	.....	...	In charge Mily. Telegraphs, Cork Harbour	Feb. 1893.
Cork Harbour	Lieutenant, Royal Engineers	17th Feb. 1893	.....	...
...	Embarked for India on being posted to the Indian Establishment	26th Feb. 1894	.....	...
Bombay	Assistant Engineer, 2nd grade, Military Works Department.	23rd Mar. 1894	.....	...
...	Posted to No. 2 Section, I. S.M. Co., R.E.	12th Dec. 1894	.....	...
...	Officer Commanding No. 2 Section, I. S. M. Co., R.E.	16th Apl. 1895	.....	...

Privilege leave from 15th September to 14th October 1895.

Karachi	Officer Commanding No. 1 Section, I. S. M. Co., R.E.	1st Jan. 1896	.....	...
...	Assistant Engineer, 1st grade, Military Works Department.	1st Apl. 1896	.....	...
Dehra Dún	Assistant Superintendent, 2nd grade, attached to No. 22 (Astronomical) Party, Survey of India	12th Oct. 1897	.....	...
Mussooree	Assistant Superintendent, 1st grade, ditto	15th Apl. 1898	.....	...

Special leave for 2 months and 26 days, from 24th May to 18th August 1898.

Dehra Dún	Asst. Supdt., 1st grade, attached to No. 22 (Astrol.) Party	...	Dy. Supdt., 2nd grade	27th May 1898.
...	Ditto, ditto, ditto	6th June 1898	.....	...
...	Ditto, ditto, ditto	...	Dy. Supdt., 2nd grade	19th June 1898.
Calcutta	Ditto, ditto, attached to Head-quarters Office	9th Sept. 1898	Dy. Supdt., 2nd grade	...
...	Ditto, ditto, ditto	24th Sept. 1898	.....	...
...	Ditto, ditto, ditto	...	Dy. Supdt., 2nd grade	1st Oct. 1898.
...	Ditto, ditto, attached to Head-quarters Office	...	Ditto, ditto, and Asst. Surveyor General	14th Oct. 1898.
...	Ditto, ditto, ditto	31st Oct. 1898	Dy. Supdt., 2nd grade	...

Privilege leave for 2 months and 17 days, from 15th November 1899.

Calcutta	Asst. Supdt., 1st grade, attached to Head-quarters Office	...	Dy. Supdt., 2nd grade, and Asst. Surveyor General	5th Feb. 1899.
Baluchistan	Ditto, ditto, attached to No. 15 Party (N.-W. Frontier), Topl. Survey	23rd May 1899	Dy. Supdt., 2nd grade	...
...	Ditto, ditto, ditto	...	Ditto, ditto, in charge No. 15 Party (N.-W. Frontier), Topl. Survey, and N. W. Frontier Drawing Office	12th July 1899.
..	Ditto, ditto, ditto	10th Oct. 1899	Dy. Supdt., 2nd grade	...
...	Ditto, ditto, ditto	...	Ditto, 1st grade.	9th Oct. 1900.
...	Ditto, ditto, ditto	...	Ditto, 2nd grade	7th Nov. 1900.

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Promoted to Captain, 22nd October 1900.</i>				
<i>Privilege leave for 2 months, from 18th December 1900.</i>				
Baluchistan	Asst. Supdt., 1st grade, attached to No. 15 Party (N.-W. Frontier), Topl. Survey	...	Dy. Supdt., 2nd grade, in charge No. 15 Party (N.-W. Frontier), Topl. Survey, and N.-W. Frontier Drawing Office	17th Apl. 1901.
...	Ditto, ditto, ditto	9th May 1901	Dy. Supdt., 2nd grade	...
...	Ditto, ditto, ditto	...	Ditto, 1st grade	4th June 1901.
...	Ditto, ditto, ditto	...	Ditto, 2nd grade	13th Sept. 1901.
...	Ditto, ditto, ditto	...	Ditto, 1st grade	19th Oct. 1901.
...	Ditto, ditto, ditto	...	Ditto, 2nd grade	13th Nov. 1901.
...	Ditto, ditto, ditto	...	Ditto, 1st grade	9th Mar. 1902.
...	Ditto, ditto, ditto	...	Ditto, 2nd grade	20th Mar. 1902.
...	Ditto, ditto, ditto	...	Ditto, 1st grade	1st May 1902.
Punjab	Ditto, ditto, in charge No. 18 Party (Punjab), Topl. Survey	14th May 1902	Ditto, ditto	...
<i>Elected for continuous Indian service, 2nd June 1902.</i>				
North-West Frontier.	Asst. Supdt., 1st grade	...	Dy. Supdt., 1st grade, in charge No. 15 Party (N.-W. Frontier), Topl. Survey, and N.-W. Frontier Drawing Office	4th Oct. 1902.
...	Dy. Supdt., 2nd grade, in charge No. 15 Party (N.-W. Frontier), Topl. Survey, and N.-W. Frontier Drawing Office	3rd Sept. 1902	Dy. Supdt., 1st grade	...
...	Ditto, ditto, ditto	7th Dec. 1902	.....	...
<i>Served as Survey Officer, Somaliland Expedition, from 3rd January 1903.</i>				
...	Dy. Supdt., 2nd grade (seconded)	3rd Jan. 1903	.....	...
..	Ditto, ditto	...	Dy. Supdt., 1st grade (seconded)	19th May 1903.
...	Ditto, ditto	19th Nov 1903	.....	...
<i>On special duty in War Office, from 21st June to 26th November 1904.</i>				
<i>Privilege leave for 2 months, from 27th November 1904.</i>				
<i>Special Somaliland leave for 1 month, from 27th January 1905, combined with furlough for 3 months from 27th February 1905.</i>				
<i>On duty at the School of Military Engineering, Chatham, from 1st May 1905.</i>				
<i>Leave on private affairs, granted by the Secretary of State for India, up to date of arrival in India; arrived 2nd December 1905.</i>				
<i>Services placed temporarily at the disposal of His Excellency the Commander-in-Chief in India, 2nd December 1905.</i>				
Meerut	Dy. Supdt., 2nd grade	...	Garrison Engineer, Mily. Works Services	2nd Dec. 1905.
<i>Reverted to Survey Department and placed on special duty at Simla, 10th April 1906.</i>				
Simla	Dy. Supdt., 2nd grade	...	Dy. Supdt., 1st grade	10th April 1906.
<i>War Services.</i> —Served with the Somaliland Expedition, from 3rd January 1903, mentioned in despatches.—Medal and 2 clasps.				

Browne, Lieutenant Charles Michael, D.S.O., R.E.—Joined the service, 23rd December 1897; arrived, 31st March 1900.

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd-Lieutenant, Royal Engineers	23rd Dec. 1897	.....	...
<i>On duty at the School of Military Engineering, Chatham, from 18th March 1898 to 6th February 1900.</i>				
...	Posted to the Indian Establishment	8th Mar. 1900	.....	...
Mian Mir	Assistant Garrison Engineer, Military Works Department	11th Apl. 1900	.....	...
Dalhousi	Assistant Garrison Engineer	6th May 1900	.....	...
Mian Mir	Garrison Engineer	26th July 1900	.....	...
<i>Promoted to Lieutenant, 23rd December 1900.</i>				
<i>Leave on medical certificate out of India for 8 months, from 2nd March 1901.</i>				
Mian Mir	Rejoining	20th Nov. 1901	.....	...
Rawal Pindi	Under orders of Chief Engineer, Punjab	22nd Nov. 1901	.....	...
Kohat	Ditto, ditto	27th Nov. 1901	.....	...
Tuchi Minn-shah	Garrison Engineer	1st Dec. 1901	.....	...
<i>Language leave for 3 months, from 1st May 1902.</i>				
Darwesh Khel Operations.	Attached to No. 3 Co., Bengal Sappers and Miners, as Explosive Officer, Bannu Column	15th Nov. 1902	.....	...
...	Explosive Officer, Bargannattu 2nd Column	28th Nov. 1902	.....	...
Kohat	Commanding Royal Engineers' Office	14th Dec. 1902	.....	...
Dehra Dún	Asst. Supdt., 2nd grade, Survey of India, attached to Trigonometrical Branch Office	8th Jan. 1903	.....	...
Calcutta	Ditto, ditto, attached to Head-quarters Office	1st July 1903	.....	...
...	Ditto, ditto, ditto . . . . .	...	Asst. Supdt., 1st grade	2nd July 1903.
<i>Appointed a D. S. O., 3rd July 1903.</i>				
Calcutta	Asst. Supdt., 2nd grade, attached to Head-quarters Office	1st Feb. 1904	.....	...
<i>Privilege leave from 2nd January to 6th February 1904.</i>				
Calcutta	Asst. Supdt., 2nd grade, attached to Head-quarters Office . . . . .	...	Asst. Supdt., 1st grade	7th Feb. 1904.
...	Ditto, ditto, ditto	2nd May 1904	.....	...
...	Ditto, ditto, ditto . . . . .	...	Asst. Supdt., 1st grade	9th June 1904.
...	Ditto, ditto, ditto	12th June 1904	.....	...
<i>Elected for continuous Indian service, 29th July 1904.</i>				
Dehra Dún	Asst. Supdt., 2nd grade, attached to Trigonometrical Branch Office	1st Aug. 1904	.....	...
Poona	Ditto, ditto, attached to No. 2 Party (Berar), Topl. Survey	20th Sept. 1904	.....	...
N.-W. Frontier.	Ditto, ditto, attached to No. 11 Party (N.-W. Frontier), Topl. Survey	8th Oct. 1904	.....	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Asst. Supdt., 2nd grade, attached to No. 11 Party (N.-W. Frontier) Topl. Survey . . .	...	Asst. Supdt., 1st grade,	18th Oct. 1904.
...	Ditto, ditto, in charge ditto	23rd Oct. 1904	Ditto, ditto	...
...	Ditto, ditto, ditto . . .	1st Nov. 1904	.....	...
...	Ditto, ditto, ditto . . .	...	Asst. Supdt., 1st grade	26th Mar. 1905.
...	Ditto, ditto, ditto . . .	4th May 1905	.....	...
Dehra Dún .	Ditto, ditto, in charge Computing Party . . .	25th May 1905	.....	...
...	Ditto, ditto, ditto . . .	...	Asst. Supdt., 1st grade	18th June 1905.
Mussooree .	Ditto, ditto, attached to No. 26 Party (Magnetic) .	28th Nov. 1905.	Ditto, ditto	...
Calcutta .	Ditto, ditto, attached to Head-quarters office . .	28th Feb. 1906	Ditto, ditto	...
...	Ditto, ditto, ditto . . .	...	Ditto, ditto	...
...	Ditto, ditto, ditto . . .	2nd May 1906	and Assistant Surveyor-General, in charge Photo-Litho. office	2nd April 1906.
Dehra Dún .	Ditto, ditto, in charge No. 24 Party, (Triangulation)	7th May 1906	Asst. Supdt., 1st grade	...
...	...	...	Ditto, ditto	...

War Services.—N.-W. Frontier of India, Waziristan, 1901-02, Medal with clasp. N.-W. Frontier of India, 1902, operations against Darwesh Khel Waziris, mentioned in despatches, D. S. O.

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

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, 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, Zhob Survey	31st Oct. 1890	.....	...
Mussooree .	Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party	17th May 1891	.....	...
Burma .	Ditto, ditto, attached to No. 24 Party (Upper Burma), Triangulation Survey . . .	12th Oct. 1891	.....	...
...	Ditto, ditto, ditto . . . . .	...	Asst. Supdt., 1st grade	1st Apl. 1902.
<i>Privilege leave for 3 months, from 13th July 1892.</i>				
Burma .	Asst. Supdt., 2nd grade, attached to No. 24 Party (Upper Burma), Triangulation Survey	11th Oct. 1892	Asst. Supdt., 1st grade	...
...	Ditto, ditto, in charge ditto	6th May 1893	Ditto, ditto	...
...	Ditto, 1st grade, ditto . . .	3rd Dec. 1893	.....	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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), Triangulation Survey	..	Dy. Supdt., 2nd grade	26th Apl. 1894
<i>Promoted to Captain, 9th April 1896.</i>				
Baluchistan .	Dy. Supdt., 2nd grade, in charge No. 24 Party (Baluchistan), Triangulation Survey .	12th Dec. 1896	.....	..
<i>Privilege leave for 3 months, from 16th April 1897; overstayed it by 4 days, from 16th to 19th July 1897.</i>				
Baluchistan .	Dy. Supdt., 2nd grade, in charge No. 24 Party (Baluchistan), Triangulation Survey .	..	Dy. Supdt., 1st grade	1st June 1897.
...	Ditto, ditto . . .	22nd Nov. 1897	.....	..
...	Ditto, ditto . . .	..	Dy. Supdt., 1st grade	17th Feb. 1898.
<i>Furlough for 2 years, from 18th April 1898.</i>				
<i>On duty at the School of Military Engineering, Chatham, from 1st April 1899.</i>				
...	Dy. Supdt., 1st grade . . .	1st Oct. 1899	.....	..
<i>Temporarily transferred to the Imperial Establishment, for service in South Africa, 30th November 1899 to 18th August 1902.</i>				
<i>Special leave for 90 days, from 19th August to 16th November 1902.</i>				
<i>Privilege leave for 5 days, from 17th to 21st November 1902.</i>				
Calcutta . .	Dy. Supdt., 1st grade, attached to Head-quarters Office .	24th Nov. 1902	Asst. Surveyor-General, in charge Surveyor-General's Office . . .	24th Nov. 1902.
...	Ditto, ditto, ditto . . .	..	Supdt., 2nd grade, and Asst. Surveyor-General, in charge Surveyor-General's Office.	12th Feb. 1903.
...	Ditto, ditto, ditto . . .	..	Ditto, in charge ditto and Mathl. Instrument Office .	17th Mar. 1903.
...	Ditto, ditto, ditto . . .	..	Ditto, in charge Mathl. Instrument Office . . .	1st Feb. 1904.
...	Ditto, ditto, ditto . . .	..	Ditto, and Asst. Surveyor-General, in charge Surveyor-General's and Mathl. Instrument Offices .	24th Feb. 1904.
<i>Promoted to Major, 5th April 1904.</i>				
Calcutta . .	Dy. Supdt., 1st grade, attached to Head-quarters Office .	30th May 1904	Asst. Surveyor-General, in charge Surveyor-General's and Mathematical Instrument Offices .	..
Burma . . .	Ditto, ditto, in charge No. 10 Party (Upper Burma), Topl. Survey .	6th June 1904	.....	..
...	Ditto, ditto, ditto . . .	..	Supdt., 2nd grade . . .	9th June 1904.
...	Ditto, ditto, ditto . . .	12th June 1904	.. . . .	..
...	Ditto, ditto, in charge Nos. 11 and 21 Parties (Upper Burma), Topl. Survey . .	25th July 1904	.....	..

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
N.-W. Frontier.	Dy. Supdt., 1st grade, in charge No. 11 Party (N.-W. Frontier), Topl. Survey . . .	1st Oct. 1904	.....	...
Dehra Dún .	Ditto, ditto, in charge No. 25 Party (Tidal and Levelling) . . .	2nd Nov. 1904	.....	...
<i>Privilege leave for 1 month, from 11th July 1905 ; extension for 15 days, from 11th August 1905.</i>				
Dehra Dún .	Dy. Supdt., 1st grade, in charge No. 25 Party (Tidal and Levelling) . . .	...	Supdt., 2nd grade .	3rd Aug. 1905.
<i>Privilege leave for 1 month and 16 days, from 16th September 1905, combined with furlough for 11 months and 7 days, from 1st November 1905.</i>				
...	Dy. Supdt., 1st grade . . .	19th Oct. 1905	.....	...

War Services.—South African Campaign, 1899—1902. Queen's Medal with clasp. King's Medal with 2 clasps.

Burrard, Lieutenant-Colonel Sidney Gerald, R.E., F.R.S.—Joined the service, 6th April 1879 ; arrived, 10th January 1883.

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	6th Apl. 1879	.....	...
<i>On duty at the School of Military Engineering, Chatham, from 2nd June 1879.</i>				
...	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	.....	...
...	Personal Asst. to Supdg. Engineer and Secy. to Governor General's Agent for Baluchistan . . .	2nd Apl. 1883	.....	...
Dehra Dún .	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	.....	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún	Asst. Supdt., 2nd grade, Survey of India in charge No. 22 Party (Astronomical I), (Electro-Longitude Operations).	24th Jan. 1886	.....	...
...	Ditto, 1st grade, ditto .	10th Mar. 1886	.....	...
...	Ditto, ditto, ditto .	...	Dy. Supdt., 4th grade	31st Mar. 1888.
...	Ditto, ditto, in charge Nos. 22 and 23 Parties (Astronomical II)	15th Oct. 1886	Ditto, ditto .	...
...	Ditto, ditto, ditto .	14th May 1887	.....	...
...	Ditto, ditto, ditto .	...	Dy. Supdt., 4th grade	15th May 1888.
...	Ditto, ditto, ditto .	24th Oct. 1887	.....	...
<i>Made over charge of No. 23 Party (Astronomical II) on 1st October 1887, and that of No. 22 Party (Astronomical I) on 1st November 1887.</i>				
Dehra Dún	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	...
...	Ditto, ditto, 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	...
<i>Made over charge of both parties on 1st November 1888.</i>				
Dehra Dún	Asst. Supdt., 1st grade, attached to Computing Party	23rd Feb. 1889	Dy. Supdt., 4th grade	...
<i>Promoted to Captain, 1st April 1889.</i>				
Mussooree	Asst. Supdt., 1st grade, in charge Nos. 22 and 23 Parties (Astronomical I and II)	3rd May 1889	.....	...
...	Ditto, ditto in charge ditto, and No. 24 Party (Upper Burma), Triangulation	11th June 1889	.....	...
...	Dy. Supdt., 4th grade, in charge ditto, ditto.	26th June 1889	.....	...
<i>Made over charge of No. 24 Party (Upper Burma), Triangulation Survey, on 19th August 1889, and of No. 23 Party (Astronomical II) on 1st October 1889.</i>				
Mussooree	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical I)	...	Dy. Supdt., 3rd grade	27th Aug. 1890.
<i>Made over charge of No. 22 Party (Astronomical I) on 22nd October 1890.</i>				
<i>Furlough to Europe on medical certificate for 1 year, from 2nd November 1890.</i>				
Mussooree	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical I)	2nd Nov. 1891	Dy. Supdt., 3rd grade	2nd Nov. 1891.
...	Ditto, ditto, ditto, and Computing Party	4th May 1892	Ditto, ditto	...
<i>Made over charge of Computing Party on 8th August 1892.</i>				
Mussooree	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I)	18th Aug. 1892	Dy. Supdt., 1st grade	18th Aug. 1892.
...	Ditto, ditto, ditto, and No. 23 Party (Astronomical II)	5th Sept. 1893	Ditto, ditto	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Made over charge of No. 23 Party (Astronomical II) on 6th November 1893.</i>				
Mussooree	Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I)	13th Jan. 1894	.....	...
...	Ditto, ditto, ditto	...	Dy. Supdt., 1st grade	3rd Apl. 1894.
...	Ditto, ditto, ditto, and No. 23 Party (Astronomical II)	11th July 1894	.....	...
<i>Made over charge of No. 23 Party (Astronomical II) on 18th September 1894.</i>				
Karachi	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical I)	1st Jan. 1895	.....	...
...	Ditto, ditto, ditto	...	Supdt., 2nd grade	28th Mar. 1896.
<i>Europe and Asia Electro-Telegraph Longitude Operations in England, Germany, and Persia for connecting Greenwich and Madras, 14th March 1895 to 9th February 1896.</i>				
<i>Special leave for 1 month, from 15th April 1896.</i>				
Dehra Dún	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical I)	16th May 1896	Supdt., 2nd grade	...
...	Ditto, ditto, ditto	...	Ditto and Supdt., Trigonometrical Surveys	18th May 1896.
...	Ditto, ditto, ditto, and No. 23 Party (Astronomical II)	28th May 1896	Ditto, ditto	...
Mussooree	Ditto, ditto, ditto	5th Oct. 1896	.....	...
...	Ditto, ditto, ditto	...	Supdt., 2nd grade	13th Oct. 1896.
Poona	Ditto, ditto, ditto, and No. 25 Party (Tidal and Levelling)	16th Dec. 1896	Ditto, ditto	...
...	Ditto, ditto, ditto	18th Jan. 1897	.....	...
<i>Made over charge of Nos. 22 and 23 Parties (Astronomical I and II) on 1st February 1897.</i>				
Poona	Dy. Supdt., 1st grade, in charge No. 25 Party (Tidal and Levelling)	...	Supdt., 2nd grade	4th Feb. 1897.
<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 Dún	Ditto, ditto	...	Supdt., Trigonometrical Surveys	26th Apl. 1898.
Calcutta	Ditto, and Asst. Surveyor Genl.	31st Oct. 1898	.....	...
<i>On duty at the School of Military Engineering, Chatham, from 5th February 1899.</i>				
...	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys	1st Oct. 1899	.....	...
Dehra Dún	Ditto, ditto, ditto	12th Jan. 1900	.....	...
...	Ditto, ditto, ditto	...	Supdt., 1st grade	9th Oct. 1900.
...	Ditto, ditto, ditto	9th Nov. 1900	.....	...
<i>Special Examination leave for 11 days, from 21st to 31st January 1901.</i>				
Dehra Dún	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys	...	Supdt., 1st grade	31st Mar. 1901.
Calcutta	Ditto, ditto	...	Ditto, ditto, and Deputy Surveyor-General, in charge Revenue Branch	1st Feb. 1902.

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Privilege leave for 3 months, from 1st May 1902, combined with furlough for 1 year, 2 months and days from 1st August 1902 to 19th June 1903, and from 15th July to 29th October 1903.</i>				
<i>Employed on pendulum observations at Kew and Greenwich, from 20th June to 14th July 1903.</i>				
Dehra Dún .	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys .	3rd Nov. 1903	Supdt., 1st grade .	3rd Nov. 1903
...	Ditto, 1st grade, ditto .	24th Feb. 1904	.....	...
...	Ditto, ditto, ditto and in charge No. 22 Party (Astronomical)	8th Mar. 1904	.....	...
<i>Made over charge of No. 22 Party (Astronomical), 14th November 1904.</i>				
<i>Promoted to Lieutenant-Colonel, 15th November 1904.</i>				
Dehra Dún .	Supdt., 1st grade, Supdt., Trigonometrical Surveys, and in charge No. 22 Party (Astronomical)	18th Mar. 1905	.....	...
...	Ditto, ditto, ditto, in charge No. 22 Party (Astronomical), and Comput- ing Party	3rd May 1905	.....	...
<i>Made over charge of Computing Party, 25th May 1905.</i>				

Bythell, Major William John, R.E.—Joined the service, 25th July 1832 ; arrived, 20th October 1836.

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	Lieutenant, Royal Engineers .	25th July 1832	.....	...
<i>Served in South Africa, 14th November 1834 to 22nd September 1836.</i>				
...	Posted to the Indian Establish- ment	2nd Sept. 1836	.....	...
Kirkee .	Attached to Bombay Sappers and Miners	23rd Oct. 1836	.....	...
Quetta .	Asst. Engineer, 2nd grade, Sind-Pishin State Ry.	20th July 1837	.....	...
Kach-Quetta Survey (Rail- way)	Ditto, ditto	1st Sept. 1837	.....	...
Khojak .	Ditto, ditto	1st Dec. 1837	.....	...
<i>Privilege leave for 2 months and 14 days, from 11th February 1839.</i>				
Punjab .	Asst. Supdt., 2nd grade, Survey of India, attached to No. 1 Party (Punjab), Traverse Survey	29th May 1839	.....	...
...	Ditto, ditto, attached to No. 18 Party (Himalaya), Topl. Survey	1st July 1839	.....	...
Calcutta .	Ditto, ditto, attached to Head-quarters Office	12th Oct. 1839	.....	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<i>Served as Survey Officer with the Chittagong Column, Chins-Lushai Expedition, from 20th November 1889 to 8th May 1890.</i>				
Calcutta	Asst. Supdt., 2nd grade, 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, 1st grade, ditto	1st Oct. 1890	Dy. Supdt., 4th grade	1st Oct. 1890.
Punjab	Ditto, ditto, attached to No. 18 Party (Himalaya), Topl. Survey	1st Nov. 1890	Ditto, ditto	...
<i>Promoted to Captain, 15th January 1891.</i>				
Punjab	Asst. Supdt., 1st grade, in charge No. 18 Party (Himalaya), Topl. Survey	11th Mar. 1891	Dy. Supdt., 4th grade	...
...	Ditto, ditto, attached to ditto	1st Apl. 1891	Ditto, ditto	...
Calcutta	Ditto, ditto, attached to Head-quarters Office	1st Nov. 1891	Ditto, ditto	...
Punjab	Ditto, ditto, attached to No. 18 Party (Himalaya), Topl. Survey	1st July 1892	Ditto, ditto	...
...	Ditto, ditto, in charge ditto	16th July 1892	Ditto, ditto	...
...	Ditto, ditto	...	Ditto, 2nd grade	18th Aug. 1892.
Central Provinces.	Ditto, ditto, in charge No. 9 Party (Central Provinces), Traverse Survey	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	...
...	Dy. Supdt., 2nd grade, ditto	28th Apl. 1894	.....	...
Central Provinces.	Ditto, ditto, in charge No. 14 Party (Nimar), Topl. (Forest) Survey	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 1895.</i>				
...	Dy. Supdt., 2nd grade, attached to Chitral Relief Force	...	Dy. Supdt., 1st grade	1st July 1895.
Central Provinces.	Ditto, ditto, in charge No. 14 Party (Central Provinces), Topl. (Forest) Survey	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), Topl. (Forest) Survey	15th Nov. 1895	.....	...
...	Ditto, ditto	...	Dy. Supdt., 1st grade	25th Dec. 1895.
<i>Promoted to Brevet-Major, 22nd January 1896.</i>				
Bombay Presidency.	Dy. Supdt., 2nd grade, in charge No. 17 Party (Bombay), Topl. (Forest) Survey	21st May 1896	Dy. Supdt., 1st grade	...
<i>Privilege leave for 1 month and 17 days, from 16th September 1896.</i>				
Bombay Presidency.	Dy. Supdt., 1st grade, in charge No. 17 Party (Bombay), Topl. (Forest) Survey	1st Jan. 1897	.....	...

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
<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
<i>Privilege leave for 2 months, and special leave for 1 month, from 7th August 1898.</i>				
Punjab .	Dy. Supdt., 1st grade, in charge No. 18 Party (Himalaya), Topl. Survey . . .	5th Nov. 1898	Supdt., 2nd grade .	...
<i>Leave on private affairs out of India for 6 months and 26 days, from 6th May 1899, extension for 1 month in India.</i>				
<i>Promoted to Major, 10th December 1899.</i>				
Punjab .	Dy. Supdt., 1st grade, in charge No. 18 Party (Himalaya), Topl. Survey . . .	2nd Jan. 1900	Supdt., 2nd grade .	2nd Jan. 1900
...	Ditto, ditto . . .	7th Apl. 1900	.....	...
...	Ditto, ditto . . .	...	Supdt., 2nd grade .	20th July 1900
...	Supdt., 2nd grade, ditto . . .	1st Oct. 1900	.....	...
<i>Elected for continuous Indian Service, 2nd November 1900.</i>				
<i>Privilege leave for 1 month, from 19th September 1901, extension for 8 days.</i>				
Calcutta .	Supdt., 2nd grade . . .	...	Deputy Surveyor-General, in charge Revenue Branch .	1st May 1902
Punjab .	Ditto, ditto, in charge No. 18 Party (Punjab), Topl. Survey . . .	29th Sept. 1902	.....	...
<i>On special duty at the Trigonometrical Branch Office, from 8th March 1903.</i>				
<i>Privilege leave for 2 months and 9 days, from 29th April 1903, combined with furlough for 9 months and 21 days, from 8th July 1903. Extension for 1 day.</i>				
Calcutta .	Supdt., 2nd grade, attached to Head-quarters Office . . .	2nd May 1904	.....	...
...	Ditto, ditto, ditto . . .	...	Asst. Surveyor-General, in charge Drawing and Engraving Offices . . .	3rd May 1904
...	Ditto ditto ditto . . .	...	Ditto, in charge Photo-Litho. Office .	24th Jan. 1906
<i>Special examination leave for 1 month and 1 day, from 1st April 1906.</i>				

War Services.—Bechuanaland, 1884-85. With Sir Charles Warren as Survey Officer and served in Topographical & Intelligence Department and on Transvaal Boundary Survey. Honourably mentioned, Chin-Lushai Expedition, 1889-90. As Survey Officer with Chittagong Column; mentioned in despatches; Services acknowledged by Government of India.—Medal and clasp. Chitral Relief Force, 1895. As Survey Officer. Mentioned in despatches. Brevet of Major.—Medal and clasp.

North-West Frontier, 1897. As Survey Officer, Mohmand Field Force. Mentioned in despatches. Tirah, 1897-98. As Survey Officer, with Peshawar Column in Bara Valley, and with 1st Division in Bazar Valley and Khaibar Pass. Two clasps.

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

Station or Province.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
...	2nd-Lieutenant, Royal Engineers	27th July 1888	.....	...
	<i>On duty at the School of Military Engineering, Chatham, September 1888.</i>			
...	Posted to the Indian Establishment	14th Oct. 1890	.....	...
Jutogh	Attached to the Military Works Department, Bengal	Nov. 1890	.....	...
...	Attached to the Bengal Sappers and Miners with the 1st Miranzai Expedition	Jan. 1891	.....	...
Dugshai	Attached to the Military Works Department	Mar. 1891	.....	...
...	Attached to the Bengal Sappers and Miners with the 2nd Miranzai Expedition	Apl. 1891	.....	...
Dugshai	Attached to the Military Works Department	June 1891	.....	...
Jutogh	Ditto ditto	July 1891	.....	...
	<i>Promoted to Lieutenant, 27th July 1891.</i>			
Punjab	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>			
Punjab	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 Coolie Corps, Isazar Expedition, 20th September to 10th October 1892.</i>			
Punjab	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>			
Punjab	Asst. Engineer, 3rd grade, Rawal Pindi Provincial Division	21st Mar. 1894	.....	...
...	Ditto, ditto, Gujranwala	28th Mar. 1894	.....	...
...	Independent Executive charge	27th Apl. 1894	.....	...
...	Ditto, ditto, Peshawar Provincial Division	2nd May 1894	.....	...
	<i>Privilege leave for 1 month and 4 days, from 3rd October 1894.</i>			
Baluchistan	Asst. Supdt., 2nd grade, Survey of India, attached to No. 15 Party (Baluchistan), Topl. Survey	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>			
Punjab	Asst. Supdt., 2nd grade, attached to No. 15 Party (Himalaya), Topl. Survey	1st July 1895	.....	...

