

LIST OF OFFICERS
IN THE
SURVEY OF INDIA.

CORRECTED TO

1ST JULY 1920



CALCUTTA
SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1920

Agents for the Sale of Books published by the Superintendent of
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IN EUROPE.

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IN INDIA AND CEYLON.

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Co., Cooch Behar. |
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NOTE.—In column 8 of pages 3 to 10, the letters "H. S." and "L. S." by themselves are abbreviations for "Higher Standard Hindustani" and "Lower Standard Hindustani," respectively. On pages 26, 28 and 36, the letters "C. H." are abbreviations for "Certificate of Honour."

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SURVEY OF INDIA.

Classified List of Officers of the Imperial Service.

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

IMPERIAL SERVICE.

Surveyor General.

1	* Ryder, Col. Charles Henry Dudley, C.I.E., D.S.O., R.E.	28 6 68	July 23, 1886	Nov. 29, 1831	Sept. 16, 1919
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Superintendents (5).

2	Lence Conyngham, Col. Sir Gerald Pen-sby, Kt., R.E., F.R.S.	21 8 66	Sept. 16, 1885	July 16, 1889	Sept. 9, 1912
3	Robertson, Lieut.-Col. Charles Lonsdale, C.M.G., R.E.	13 2 67	July 23, 1886	May 3, 1894	Sept. 16, 1919
4	* Coldstream, Lieut.-Col. William Menzies, R.E.	10 2 69	July 27, 1888	Nov. 25, 1894	Aug. 25, 1911
5	† Pirrie, Lt.-Col. Francis William, C.M.G., C.I.E., I.A.	23 8 67	Sept. 14, 1887	June 11, 1895	Mar. 6, 1920
6	* Turner, Lieut.-Col. Horace Harrison, R.E.	13 8 67	Nov. 23, 1889	Apr. 22, 1897	Mar. 8, 1920

Deputy Superintendents (21).

7	* Benzley, Lieut.-Col. George Adam, D.S.O., R.E.	7 7 70	Feb. 13, 1890	Oct. 12, 1897	Mar. 1, 1910
8	* Crosthwait, Lieut.-Col. Herbert Leland, R.E.	26 12 67	Mar. 29, 1890	Nov. 22, 1897	Mar. 1, 1910
9	* Tandy, Lieut.-Col. Edward Aldborough, R.E.	28 12 71	Feb. 13, 1891	Jan. 31, 1898	Mar. 1, 1910
10	† Mears, Lieut.-Col. Arthur, I.A.	15 6 69	Jan. 30, 1889	Nov. 21, 1897	Mar. 1, 1910
11	Wood, Lt.-Lieut.-Col. Henry, R.E.	28 10 72	Feb. 12, 1892	Nov. 16, 1898	Mar. 1, 1910
12	Cowie, Major Herbert McCully, R.E.	21 11 73	Feb. 10, 1893	Nov. 12, 1898	Mar. 1, 1910

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

Survey of India, as it stood on 1st July 1920.

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
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Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
1	P. 3,000 0 0 R a. P.	Surveyor General	H. S.; L. S. Pushtu; Colloquial Chinese (Pekingese); Interpreter in French, 2nd class; L. S. Persian.	On special privilege leave for 1 month combined with ordinary privilege leave for 5 months from 20th April 1920.
2	. . . . .	. . . . .	. . . . .	On privilege leave for 6 months combined with furlough for 9 months and 5 days from 18th May 1920.
3	. . . . .	. . . . .	L. S.	On privilege leave for 6 months combined with furlough for 1 year and 6 months from 26th October 1919.
4	P. 1,500 0 0 (a) C. A. 750 0 0 (b) A. A. 600 0 0	Offg. Surveyor General	L. S.; H. S. Pushtu	
5	P. 1,500 0 0 (a) C. A. 500 0 0	Director of Surveys, Baghdad.	H. S.; L. S. Pushtu	On privilege leave for 6 months from 20th April 1920.
6	. . . . .	. . . . .	. . . . .	On privilege leave for 4 months and 27 days combined with furlough for 7 months and 3 days from 4th February 1920.
7	P. 1,500 0 0 (a) C. A. 500 0 0	Offg. Superintendent, Map Publication.	. . . . .
8	P. 1,500 0 0 (a) C. A. 500 0 0	Offg. Superintendent, Northern Circle.	L. S. Pushtu	
9	. . . . .	. . . . .	L. S.; Colloquial Burmese.	On privilege leave for 6 months combined with furlough for 1 year and 4 months from 21st January 1920.
10	. . . . .	. . . . .	H. S.; L. S. Persian; Interpreter in Russian, 1st class.	On privilege leave for 6 months combined with furlough for 1 year and 6 months from 7th April 1919.
11	. . . . .	. . . . .	H. S.	On privilege leave for 5 months and 1 day combined with furlough for 1 year and 29 days from 18th May 1919.
12	. . . . .	. . . . .	. . . . .	On privilege leave for 6 months combined with furlough for 6 months from 28th November 1919.

(a) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 314—80-2, dated 17th March 1916.
(b) Acting Allowance.
† Also draws exchange compensation allowance.

Classified List of Officers of the Imperial Service, Survey of

Serial No.	NAME OF OFFICERS.	Date of birth.	Date of first commission.	Date of first joining the Department.	Date of appointment to present grade.
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IMPERIAL SERVICE—contd.

Deputy Superintendents (21)—*contd.*

13	Gantor, Bt.-Lieut.-Col. Clarence Preston, O.S.S., R.E.	24 5 73	Feb. 10, 1893	July 10, 1899	Mar. 1, 1910
14	Rich, Major Edmund Tillotson, C.I.E., R.E.	23 8 74	July 25, 1893	July 3, 1899	Mar. 1, 1910
15	* McHarg, Bt.-Lieut.-Col. Alfred Alexis, D.S.O., R.E.	4 2 74	July 25, 1893	Jan. 9, 1900	Mar. 1, 1910
16	Tandy, Major Maurice O'Connor, D.S.O., O.S.S., R.E.	17 11 73	July 25, 1893	Jan. 17, 1900	Mar. 1, 1910
17	* Thomas, Major Robert Henry, D.S.O., R.E.	23 4 77	June 21, 1896	July 17, 1901	Mar. 1, 1910
18	† Thullier, Major Leslie Cardew, I.A.	7 10 77	Jan. 20, 1897	Sept. 12, 1901	Apr. 27, 1910
19	* Browne, Bt.-Lieut.-Col. Charles Michael, C.M.G., D.S.O., R.E.	26 11 78	Dec. 23, 1897	Jan. 8, 1903	Oct. 15, 1910
20	Phillimore, Bt.-Lieut.-Col. Reginald Henry, D.S.O., R.E.	19 6 79	June 23, 1898	June 28, 1903	Aug. 25, 1911
21	Hunter, Major Frederick Fraser, D.S.O., I.A.	7 8 78	Aug. 10, 1893	Aug. 17, 1905	Sept. 9, 1912
22	† Crosthwait, Major Leland George, I.A.	29 6 81	July 28, 1900	Oct. 13, 1905	May 23, 1916
23	Conchman, Major Harold John, D.S.O., M.O., R.E.	29 7 82	Aug. 18, 1900	Jan. 30, 1906	Sept. 20, 1916
24	Trenchard, Major Oswald Henry Esdrie, R.E.	6 4 82	Feb. 4, 1901	Jan. 16, 1906	Sept. 16, 1919
25	Hamilton, Bt.-Lieut.-Col. Sackville William Sackville, D.S.O., R.E.	3 11 82	July 23, 1901	Jan. 14, 1906	Mar. 6, 1920
26	Cotter, Major Vere Rogerson, I.A.	18 2 82	Aug. 18, 1900	Oct. 30, 1905	Mar. 8, 1920
27	Hunter, James deGraaff, C.D., M.A.	11 9 81	...	Oct. 25, 1907	May 1, 1920

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

India, as it stood on 1st July 1920—continued.

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
13	P. 1,500 0 0 (a) C. A. 500 0 0	Offg. Superintendent, Southern Circle.	L. S. Pushtu; H. S.	
14	P. 1,500 0 0 (a) C. A. 500 0 0	Offg. Superintendent, Eastern Circle.	H. S.; H. S. Pushtu; L. S. Persian; L. S. Burmese; Lisaw; Kachin; Maru; Colloquial Chinese (Yunnanese).	
15	. . . . .	. . . . .	H. S.; I. S. Pushtu; Interpreter in French, 2nd class; L. S. Persian.	On privilege leave for 6 months combined with furlough for 6 months from 12th November 1910.
16	. . . . .	. . . . .	C.	On privilege leave for 2 months and 9 days combined with furlough for 10 months and 21 days from 17th September 1910.
17	P. 1,500 0 0 (b) C. A. 500 0 0 (c) C. A. 100 0 0	Offg. Superintendent of the Trigonometrical Survey.	. . . . .
18	P. 1,450 0 0 (a) C. A. 200 0 0	In charge No. 5 (S. C.)	H. S.	
19	. . . . .	. . . . .	C.	On privilege leave for 6 months combined with furlough for 6 months from 16th October 1910.
20	P. 1,470 0 0 (a) C. A. 200 0 0	In charge No. 9 (E. C.)	L. S.; H. S. Shan; Mandarin.	
21	. . . . .	. . . . .	H. S.; Colloquial Chinese; E. S. and H. S. Pushtu.	On deputation, Persia.
22	P. 1,250 0 0 (a) C. A. 200 0 0	In charge No. 6 Drawing Office (Simla).	H. S.	
23	P. 1,320 0 0 (a) C. A. 200 0 0 (c) L. A. 100 0 0	Head-quarters, Calcutta.	L. S.; H. S. Baluchi; L. S. Pushtu.	
24	. . . . .	. . . . .	L. S.	On privilege leave for 4 months and 28 days combined with furlough for 1 year 3 months and 2 days from 28th June 1920.
25	P. 1,270 0 0 (a) C. A. 200 0 0	In charge No. 2 (N. C.)	L. S.	
26	. . . . .	. . . . .	H. S.; L. S. Pushtu; L. S. Persian.	Temporarily reverted to military duty.
27	P. 1,250 0 0 (a) C. A. 200 0 0	In charge Computing Office (Dehra).	. . . . .	Mathematical Adviser. Date of commencement of service counting for pension, 25th October 1907.

(a) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 314-30-3, dated 17th March 1910
(b) Ditto (ditto), vide Secretary of State's despatch No. 55 (Revenue), dated 16th May 1911.
(c) Local allowance (compensatory), vide Department of Revenue and Agriculture No. 314-30-2, dated 17th March 1910.
C.—Has been through Chatham Course.

Classified List of Officers of the Imperial Service, Survey of

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

IMPERIAL SERVICE—contd.

Assistant Superintendents (29).

28	Campbell, Major James Donald, D.S.O., E.M.	3 5 84	Dec. 21, 1901	Dec. 5, 1906	Mar. 1, 1910
29	† Foster, Major Rodney, I.A.	27 5 82	May 8, 1901	Dec. 12, 1906	Mar. 1, 1910
30	Morshhead, Major Henry Treise, D.S.O., E.M.	23 11 82	Dec. 21, 1901	Dec. 2, 1906	Mar. 1, 1910
31	King, Major Frank Jerome Maitland, E.M.	30 2 84	Jan. 10, 1903	Mar. 27, 1907	Mar. 1, 1910
32	† Gwyn, Major Aylmer Hamond, I.A.	13 2 83	Aug. 27, 1902	Feb. 17, 1908	Mar. 1, 1910
33	Lewis, Bt.-Major Clinton Gresham, E.M.	25 11 85	Dec. 21, 1904	Nov. 7, 1907	Mar. 1, 1910
34	† Thompson, Major Claude Mathew, I.A.	21 9 83	Jan. 21, 1903	Nov. 1, 1907	Mar. 1, 1910
35	Mason, Bt.-Major Kenneth, M.C., E.M.	10 9 87	Dec. 20, 1906	Aug. 29, 1909	Mar. 1, 1910
36	† Scott, Major Francis Burgess, I.A.	3 3 85	Dec. 21, 1904	Apl. 12, 1910	Apl. 12, 1910
37	Ferry, Capt. William Eric, M.C., E.M.	2 1 84	Mar. 16, 1905	Apl. 19, 1910	Apl. 19, 1910
38	Waghops, Capt. (Temporary Lieut.-Col.) Robert Stuart, I.A.	20 3 87	Aug. 29, 1906	July 4, 1910	July 6, 1910
39	Roome, Capt. Horace Eckford, M.C., E.M.	17 5 87	Dec. 18, 1907	Feb. 26, 1913	Feb. 28, 1913

† Indian Army Supernumerary List.

India, as it stood on 1st July 1920—continued.

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
28	P. 1,270 0 0 (a) C. A. . . 200 0 0	No. 7 (S. C.)	H. S.; Pushta; Persian.	L. S. Offg. Dy. Supdt.
29	. . . . .	. . . . .	H. S.; Pushta.	L. S. On privilege leave for 6 months combined with furlough for 6 months from 20th September 1919.
30	P. 1,270 0 0 (a) C. A. . . 200 0 0	In charge No. 1 (N. C.)	H. S.	Offg. Dy. Supdt.
31	P. 1,200 0 0 (a) C. A. . . 200 0 0	In charge No. 2 Drawing Office (Dehra) and Forest Map Office.	L. S.	Ditto.
32	P. 1,150 0 0 (a) C. A. . . 200 0 0 (b) L. A. . . 100 0 0 (c) C. H. A. . 60 0 0	Head-quarters, Calcutta	H. S.; Obligatory Hindi, Field Service Test in Arabic.	Ditto.
33	P. 1,120 0 0 (a) C. A. . . 200 0 0	In charge No. 3 (N. C.)	H. S.	Ditto.
34	P. 1,150 0 0 (a) C. A. . . 200 0 0 (d) D. A. . . 200 0 0	In charge No. 19 (Base Line).	Proficiency Hindustani; L. S. Persian; Obligatory Punjabi; H. S. Baluchi.	Ditto. On deputation as Officer in charge Map Record and Issue Office, Calcutta.
35	P. 1,020 0 0 (a) C. A. . . 200 0 0	In charge No. 17 (Level-log).	L. S.	Offg. Dy. Supdt.
36	P. 1,050 0 0 (a) C. A. . . 200 0 0	In charge No. 12 (E. C.)	H. S.	Ditto.
37	. . . . .	. . . . .	H. S.	On privilege leave for 5 months and 21 days combined with furlough for 1 year 2 months and 10 days from 21st February 1920.
38	. . . . .	. . . . .	H. S.; Obligatory Pushta; H. S. Persian.	Temporarily reverted to military duty.
39	. . . . .	. . . . .	H. S.; Kachin	On privilege leave for 4 months and 28 days combined with furlough for 7 months and 17 days from 17th February 1920.

(a) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 314-30-2, dated 17th March 1910.
 (b) Local allowance (compensatory), vide ditto ditto ditto ditto.
 (c) Calcutta house allowance, vide Finance Department Memorandum No. 576-Ex., dated 30th January 1911.
 (d) Deputation (local) allowance, vide Department of Revenue and Agriculture No. 210-0-2, dated 3rd March 1920.

Classified List of Officers of the Imperial Service, Survey of

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

IMPERIAL SERVICE—*conold.*Assistant Superintendents (20)—*conold.*

50	Jackson, Capt. Lawrence Hungerford, I.A.	27 9 89	Sept. 8, 1909	Sept. 7, 1914	Sept. 7, 1914
51	Wheeler, Lt.-Major Edward Oliver, M.O., R.E.	18 4 90	June 23, 1910	Dec. 9, 1919	Dec. 9, 1919
52	Glennie, Capt. Edward Aubrey, D.S.O., R.E.	18 7 89	July 23, 1910	Dec. 20, 1919	Dec. 20, 1919
53	Joly de Lotbiniere, Capt. Henri Alain, M.C., R.E.	30 7 91	June 21, 1911	Mar. 1, 1920	Mar. 1, 1920
54	Slater, Capt. Owen, M.C., R.E.	19 6 90	July 23, 1910	Apr. 20, 1920	Apr. 20, 1920
55	Lennox, Capt. Gilbert, I.A.	19 2 94	Jan. 22, 1913	June 3, 1920	June 3, 1920
56	Vacant	.	.	.	.
57	Vacant	.	.	.	.
58	Vacant	.	.	.	.
59	Vacant	.	.	.	.
60	Vacant	.	.	.	.
61	Vacant	.	.	.	.
62	Vacant	.	.	.	.
63	Vacant	.	.	.	.
64	Vacant	.	.	.	.
65	Vacant	.	.	.	.
66	Vacant	.	.	.	.
67	Vacant	.	.	.	.
68	Vacant	.	.	.	.
69	Vacant	.	.	.	.
70	Vacant	.	.	.	.

SPECIAL APPOINTMENTS (OUTSIDE THE IMPERIAL SERVICE).

Officer in charge, Mathematical Instrument Office (800—50—1,250).

1	Ferrier Thomas Archibald, O.B.E.	8 1 77	.	Jan. 17, 1899	Aug. 2, 1911
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Works Manager, Mathematical Instrument Office (900—20—1,000).

2	Woodhouse, Sidney	9 11 82	.	June 9, 1905	Oct. 26, 1919
...	Hughes, Percy Arthur	14 12 94	.	Oct. 31, 1919	Jan. 13, 1920

Officer in charge, No. 6 Drawing Office (Simla).

3	Arbery, Commissary and Honorary Major C. James, M.B.E.	24 5 64	Jan. 11, 1905	Apr. 1, 1911	Nov. 17, 1915
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Officer in deputation.

4	Salmond, Hubert George	3 1 89	.	Aug. 27, 1919	.
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India, as it stood on 1st July 1920—*concluded.*

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
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Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
40	P. 800 0 0	} In charge No. 4 (N. C.)	. . . . .	On probation. Offg. Dy. Supt.
41	(a) C. 200 0 0			
42	P. 820 0 0	} In charge No. 14 (Pendulum).	L. S.	On probation. On combined leave for 8 months from 12th April 1920.
43	(a) C. A. 200 0 0			
44	P. 820 0 0	} In charge No. 15 (Triangulation).	L. S.	On probation. On combined leave for 8 months from 1st May 1920.
45	(a) C. A. 200 0 0			
46	P. 650 0 0	} In charge No. 13 (Astronomical).	H. S.	Ditto. Ditto.
47	(a) C. A. 200 0 0			
48	.	.	.	.
49	.	.	.	.
50	.	.	.	.
51	.	.	.	.
52	.	.	.	.
53	.	.	.	.
54	.	.	.	.
55	.	.	.	.
56	.	.	.	.

1	.	.	.	Joined as Assistant Mathematical Instrument Maker, 17th January 1899. On privilege leave for 5 months and 23 days, combined with furlough for 1 year 2 months and 7 days from 13th January 1920.
2	P. 800 0 0	}	. . . . .	Officiating Officer in charge, Mathematical Instrument Office.
...	(b) A. A. 450 0 0			
3	(c) D. A. 140 0 0	.	.	On extension of service. On combined leave for 7 months and 24 days from 8th May 1920. Date of commencement of service counting for pension, 24th May 1883.
4	P. 850 0 0	} Trigonometrical Survey Office.	. . . . .	Executive Engineer, Eastern Bengal Railway.
...	(c) D. A. 170 0 0			

(a) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 814—80-2, dated 17th March 1910.

(b) Acting allowance.

(c) Deputation allowance, vide Department of Revenue and Agriculture No. 670—93-4, dated 1st September 1919.

Classified List of Officers of the Provincial Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE.

Deputy Superintendents.

Salary Rs 800 (2).					
1	Hughes, Benjamin Robert	13 6 66	June 13, 1886	Oct. 15, 1888	Mar. 8, 1917
...	Smart, Aylmer Boddington	27 9 65	Sept. 27, 1885	Feb. 25, 1885	. . . . .
...	Murphy, Joseph Horrocks	26 7 68	July 26, 1889	Nov. 1, 1887	. . . . .
...	Johnson, Clarence Henry Godwin	14 6 69	June 14, 1889	Nov. 13, 1888	. . . . .
2	Nichol, John Henry	9 4 67	Dec. 16, 1888	Dec. 12, 1889	Sept. 14, 1918
Salary Rs 600 (8).					
3	* Biggie, Henry William	9 12 71	Dec. 9, 1891	Nov. 21, 1891	Sept. 2, 1914
4	Greiff, Joseph Oscar	2 8 72	Aug. 2, 1892	Nov. 13, 1891	July 3, 1916
5	Freeman, John Alaric	24 7 70	Nov. 23, 1891	Nov. 23, 1891	Mar. 8, 1917
6	Ollenbach, Osmond Charles	3 4 67	Nov. 23, 1891	Nov. 23, 1891	Apr. 30, 1917
7	Hanby, Herbert Henry Bladen	21 6 72	June 21, 1892	Nov. 25, 1891	Jan. 27, 1918
8	Gorman, William Michael	28 7 73	Sept. 19, 1893	Sept. 19, 1893	Sept. 1, 1918
9	Petters, Malcolm Campbell	27 12 73	Nov. 1, 1895	Nov. 1, 1895	Oct. 15, 1918
10	Donaghey, John O'Brien	20 9 74	Oct. 26, 1895	Oct. 26, 1895	Mar. 8, 1919

Assistant Superintendents and Extra Assistant Superintendents.

Salary from Rs 250 to Rs 600.

ASSISTANT SUPERINTENDENTS.

...	Baker, William John	18 8 66	Jan. 25, 1888	Jan. 25, 1888	. . . . .
11	Walsh, Felix Patrick	20 11 63	Nov. 20, 1886	Mar. 4, 1886	Mar. 1, 1915
12	Rao, George James Sheehan	23 11 70	Nov. 23, 1893	Nov. 19, 1890	Mar. 1, 1918

* Passed the Burma Land Record Department Examination in Revenue Law by the Higher Standard.

Survey of India, as it stood on 1st July 1920.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

1	P. 800 0 0 (a) P. A. 200 0 0	In charge No. 20 (Cantonment).	L. S.; L. S. Burmese.	On deputation, Assam.
...	
...	Ditto, Central Provinces.
2	P. 600 0 0 (b) C. A. 200 0 0	In charge No. 4 Drawing Office (Bangalore).	H. S.	Includes previous service in Forest Department from 16th December 1898.
3	P. 650 0 0 (b) C. A. 200 0 0 (c) L. A. 100 0 0		In charge No. 21 (Burma Forest).		H. S. Burmese . . . . .
4	P. 650 0 0 (b) C. A. 200 0 0 (c) I. A. 100 0 0	In charge No. 11 (E. C.)		L. S.
5	P. 650 0 0 (b) C. A. 280 0 0		In charge No. 3 Drawing Office (Mussoorie).	L. S.
6	P. 650 0 0 (b) C. A. 260 0 0	In charge No. 16 (Tidal).		L. S.; L. S. Burmese.
7	P. 650 0 0 (b) C. A. 200 0 0		In charge No. 3 (N. C.)	H. S. . . . .	On privilege leave for 6 months from 15th June 1920.
8	P. 650 0 0 (b) C. A. 200 0 0	In charge No. 8 (S. C.)		. . . . .	On privilege leave for 6 months from 8th May 1920.
9	P. 650 0 0 (b) C. A. 200 0 0		In charge No. 5 Drawing Office (Shillong).	. . . . .
10	P. 650 0 0 (b) C. A. 200 0 0	In charge No. 6 (S. C.)		H. S.
...	. . . . .		. . . . .	E. S. Burmese . . . . .	On deputation, Burma.
11	. . . . .	. . . . .	. . . . .	On privilege leave for 5 months and 22 days combined with furlough for 1 year and 6 months from 14th July 1919.
12	P. 600 0 0	No. 1 (N. C.) . . . . .	. . . . .

(a) Personal allowance, vide Department of Revenue and Agriculture No. 127-4, dated 6th March 1907.

(b) Charge allowance (remunerative), vide Secretary of State's Despatch No. 109, dated 1st November 1912.

(c) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 753, dated 11th February 1899 (compensatory).

Classified List of Officers of the Provincial Service

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.
Extra Assistant Superintendents—contd.

...	*Powell, Harry Burgess	2 6 70	Nov. 22, 1891	Nov. 22, 1891	. . . . .
13	Wilson, John Henry Stanhope	10 1 71	Sept. 9, 1893	Sept. 4, 1893	Mar. 1, 1918
14	Williams, Patrick	18 3 71	Sept. 16, 1893	Sept. 16, 1893	Mar. 1, 1918
15	Biggle, Edwin John	16 2 73	Oct. 24, 1895	Oct. 23, 1895	Mar. 1, 1918
16	Bennet, Edgar Clinton James, v.d.	19 4 70	Oct. 1, 1890	Dec. 17, 1896	Mar. 1, 1918
17	Jagdamba Prasad, B.S.	10 1 70	Aug. 17, 1891	Nov. 17, 1896	Mar. 1, 1918
18	French, Charles Edwin Cluge	16 8 75	Nov. 14, 1896	Nov. 14, 1896	Mar. 1, 1918
19	Byrne, Charles Cahill	25 9 76	Nov. 20, 1896	Nov. 20, 1896	. . . . .
...	Venle, Charles John	8 3 77	Mar. 8, 1897	Nov. 25, 1896	. . . . .
20	Hardinge, Eustace Gilbert	6 5 73	Nov. 25, 1896	Nov. 25, 1896	. . . . .
21	Hanuman Prasad	17 7 69	Nov. 1, 1890	Nov. 15, 1898	Mar. 1, 1918
22	Dhani Ram Verma	4 8 75	Nov. 20, 1897	Nov. 20, 1897	Mar. 1, 1918
23	Jarbo, William George	10 3 76	Nov. 17, 1897	Nov. 17, 1897	Mar. 1, 1918
...	Berrill, Bernard Marie	22 10 74	Nov. 5, 1897	Nov. 5, 1897	. . . . .
24	Ray, Pramadarajan, B.S.	18 6 74	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918
25	Morton, Henry Percy Dee	26 10 79	Oct. 28, 1899	Nov. 23, 1898	Mar. 1, 1918
26	Fielding, Stuart Skene McA'Fee	21 1 77	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918
27	Boer, Abinash Chunder	16 11 72	Oct. 15, 1895	Oct. 15, 1895	Mar. 1, 1918
28	Kenny, Patrick Arthur Theodore	16 4 78	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918

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

Survey of India, as it stood on 1st July 1920—continued.

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
...				On deputation, Burma. Previous temporary service in Cadastral Establishment from 1st January 1890 to 21st November 1891.
13	P. . . . 550 0 0	No. 20 (Cantonment)	L. S.	
14	P. . . . 550 0 0 (a) P. A. . . 45 0 0 (b) L. A. . . 50 0 0	Head-quarters, Calcutta.		
15	P. . . . 550 0 0 (c) L. A. . . 50 0 0	No. 9 (E. C.)	L. S.	
16	P. . . . 550 0 0 (d) C. A. . . 200 0 0 (f) A. A. . . 100 0 0	In charge No. 18 (Magnetic).		Includes previous service in No. 25 Party and Marine Survey from 1st October 1890 to 10th December 1896. Offg. Dy. Suptd.
17	P. . . . 550 0 0 (d) C. A. . . 200 0 0 (e) P. A. . . 60 0 0 (f) A. A. . . 100 0 0 L. A. . . 100 0 0	Head quarters, Calcutta.		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. Offg. Dy. Suptd.
18	P. . . . 550 0 0 (d) C. A. . . 200 0 0	In charge No. 8 (S. C.)		
19			H. S.	On privilege leave for 6 months combined with furlough for 1 year and 6 months from 4th June 1920.
...			G. S.	On deputation, Thomasou College, Rurki.
20				On privilege leave for 6 months combined with furlough for 6 months from 29th April 1920.
21	P. . . . 550 0 0	Computing Office (Dehra)		Promoted from the Subordinate Service. Joined as Computer, 1st November 1890.
22	P. . . . 500 0 0 (d) C. A. . . 200 0 0	In charge Sind Sagar Party (N. C.)		
23	P. . . . 500 0 0 (d) C. A. . . 100 0 0 (e) L. A. . . 50 0 0	In charge No. 10 (E. C.)	Kachin; Maru; Colloquial Chinese (Yunnanese).	
...			L. S.	On deputation, Bombay.
24	P. . . . 500 0 0 (d) C. A. . . 100 0 0 (e) P. A. . . 45 0 0	Head Draftsman, No. 1 Drawing Office (Calcutta).		
25	P. . . . 500 0 0 (d) C. A. . . 100 0 0	Chief Draftsman, Forest Map Office (Dehra).		Temporarily.
26	P. . . . 500 0 0 (d) C. A. . . 100 0 0	Survey Instructor	L. S. Shan	
27	P. . . . 500 0 0 (a) P. A. . . 45 0 0 (b) L. A. . . 50 0 0	Head-quarters, Calcutta.	L. S. Burmese	
28	P. . . . 500 0 0	No. 1 (N. C.)		

- (a) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1896.
(b) Local allowance (compensatory), vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1893.
(c) Local allowance (Assam), vide Financial Resolution No. 5826, dated 25th October 1898 (compensatory).
(d) Charge allowance (remunerative), vide Secretary of State's Despatch No. 109, dated 1st November 1912.
(e) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 766, dated 11th February 1899 (compensatory).
(f) Acting allowance.

Classified List of Officers of the Provincial Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

29	Norman, Sidney Frederick	29 5 78	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918
30	Zille Maen-in, Syad, K.S.	24 5 66	July 1, 1886	Jan. 17, 1899	Mar. 1, 1918
31	Lears, Joseph Cajetan Charles	7 2 79	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1918
32	Williams, James Harold	14 10 79	Nov. 20, 1899	Nov. 20, 1899	. . . . .
33	Hart, Oswald Joseph Hastings	24 5 80	May 24, 1900	Nov. 20, 1899	Mar. 1, 1918
34	Maya Das Puri, R.S.	5 9 77	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1918
35	Claudius, Ernest	17 3 79	Nov. 21, 1899	Nov. 21, 1899	Mar. 1, 1918
36	Simons, Henry Beaumont	23 5 79	Nov. 20, 1899	Nov. 20, 1899	. . . . .
37	Ray, Rama Prasad, B.A.	23 6 76	Dec. 31, 1897	Nov. 15, 1900	Nov. 15, 1918
38	Morton, Vivian Walter	10 12 80	Dec. 10, 1900	Nov. 15, 1900	Mar. 1, 1918
39	West, Clement	14 3 77	Feb. 1, 1901	Feb. 1, 1901	Mar. 1, 1918
40	Aemat-Allah Khan, K.B.	21 12 68	Dec. 31, 1888	Feb. 17, 1901	Mar. 1, 1918
41	West, Ernest Barton	23 7 79	Sept. 10, 1899	Feb. 23, 1901	Mar. 1, 1918
42	Talati, Ardeshir Maneokji, L.O.M.	29 12 81	Dec. 29, 1901	Nov. 1, 1901	Mar. 1, 1918
43	Junter, Arthur Burnie	26 7 82	July 26, 1902	Nov. 1, 1901	Mar. 1, 1918
...	Hardless, Henry Archibald, I.C.E., K.S.M.	25 12 79	Nov. 1, 1901	Nov. 1, 1901	. . . . .
44	Simpson, Patrick	12 2 81	Nov. 20, 1901	Nov. 20, 1901	Mar. 1, 1918

Survey of India, as it stood on 1st July 1920—continued.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
29	P. 500 0 0 (a) C. A. 100 0 0	} In charge No. 7 (S. C.)		
30	P. 500 0 0				No. 16 (Tidal) . . . . .	Promoted from the Subordinate Service. Joined as writer, 1st July 1886. Qualified in the Provincial Service Examination, 1896.
31	P. 500 0 0	Sind Sagar Party (N. C.)		
32	. . . . .	. . . . .		On deputation to military duty.
33	P. 500 0 0 (b) L. A. 80 0 0	} No. 11 (E. C.)		
34	P. 500 0 0 (a) C. A. 100 0 0				In charge No. 22 (Biverain). . . . .
35	P. 500 0 0 (c) L. A. 50 0 0	} Eastern Circle Office	H. S.	
36			
37	P. 500 0 0	No. 2 Drawing Office (Dehra).		On privilege leave for 6 months combined with furlough for 6 months from 5th April 1920. 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.
38	P. 450 0 0	Officiating Director of surveys, Baghdad.	L. S. Shan	
39	P. 450 0 0 (d) P. A. 30 0 0 (e) L. A. 50 0 0	} Head-quarters, Calcutta	L. P. Field Service Test in Arabic.	
40	P. 450 0 0 (d) P. A. 30 0 0 (e) L. A. 50 0 0				Head-quarters, Calcutta . . . . .
41	P. 450 0 0	No. 3 Drawing Office (Mussoorie).		Joined as Draftsman, Drawing Office, Calcutta, 10th September 1899.
42	P. 450 0 0	No. 1 (N. C.)		
43	P. 450 0 0 (d) P. A. 30 0 0 (e) L. A. 50 0 0	} Head-quarters, Calcutta		
...			
44	P. 450 0 0 (d) P. A. 39 0 0 (e) L. A. 50 0 0	} Bengal and Bihar and Orissa Drawing Offices (Imperial Section).		
...			

- (a) Charge allowance (remunerative), vide Secretary of State's Despatch No. 100, dated 1st November 1912.
 (b) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 760, dated 11th February 1899 (compensatory).
 (c) Local allowance (Assam), vide Financial Resolution No. 5820, dated 25th October 1898 (compensatory).
 (d) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1886.
 (e) Local allowance (compensatory), vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1908.

Classified List of Officers of the Provincial Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

45	Mejer, Ernest Alexander	11 10 80	Feb. 1, 1902	Feb. 1, 1902	Mar. 1, 1913
46	Maxamdar, Nikunjo Ronjou	4 4 80	Nov. 1, 1902	Nov. 1, 1902	Mar. 1, 1918
47	Saubolle, Raphael Edward	8 12 81	Nov. 1, 1902	Nov. 1, 1902	Mar. 1, 1918
48	Kenny, Ernest Michael	19 1 83	Jan. 19, 1903	Nov. 1, 1902	Mar. 1, 1918
49	Newland, Bertie Clifford	22 2 81	Nov. 15, 1902	Nov. 15, 1902	Mar. 1, 1918
50	O'Sullivan, Edmond Charles, D.C.M.	17 9 81	Feb. 1, 1903	Feb. 1, 1903	Mar. 1, 1918
51	Sar, Priya Nath	18 2 80	Nov. 1, 1903	Nov. 1, 1903	Nov. 1, 1918
52	Pushong, Oscar Newman	27 1 85	Jan. 27, 1905	Nov. 1, 1903	Nov. 1, 1918
53	Tresham, Major Cecil Henry	3 4 84	Apr. 3, 1904	Nov. 1, 1903	Nov. 1, 1918
54	Abdul Rahim, Haji, K.S.	15 8 68	Aug. 15, 1888	Dec. 1, 1903	Dec. 1, 1918
55	Bennick, Denis Kingstori, M.S.S.	25 4 84	Apr. 25, 1904	Jan. 4, 1904	Jan. 4, 1919
...	Swiney, Walter Earle Sidney	25 1 81	Nov. 1, 1901	Nov. 1, 1901	. . . . .
56	Fitz-Gibbon, Leonard Barton	26 2 81	Sept. 1, 1904	Sept. 1, 1904	. . . . .
57	Luxe, Douglas Henry	16 9 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
58	Williams, Louis	20 10 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
59	McCraken, John, M.S.S.	24 8 84	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
60	Pfleger, Frederick Charles	9 6 85	June 9, 1905	Sept. 1, 1904	Aug. 1, 1918
61	Mitra, Amar Krishna	17 8 80	Oct. 15, 1904	Oct. 15, 1904	Aug. 1, 1918

Survey of India, as it stood on 1st July 1920—continued.

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.

* a. p.				
45	P. 450 0 0	No. 6 (S. C.) . . . . .	. . . . .	. . . . .
46	P. 450 0 0	No. 18 (Magnetic) . . . . .	. . . . .	. . . . .
47	P. 450 0 0	No. 6 Drawing Office (Simla).	. . . . .	. . . . .
48	P. 450 0 0 (a) L. A. 50 0 0	} No. 12 (E. C.) . . . . .	. . . . .	. . . . .
49	P. 450 0 0		Mesopotamian Survey Party . . . . .	. . . . .
50	P. 450 0 0	Ditto . . . . .	. . . . .	. . . . .
51	P. 450 0 0 (b) L. A. 50 0 0 (c) P. A. 30 0 0	} Head-quarters, Calcutta . . . . .	. . . . .	. . . . .
52	P. 450 0 0		No. 17 (Levelling)
53	P. 450 0 0	No. 2 Drawing Office (Delra).	. . . . .	. . . . .
54	P. 450 0 0	No. 7 (S. C.) . . . . .	. . . . .	Promoted from the Subordinate Service. Joined as Sub-Surveyor 15th August 1888.
55	P. 450 0 0	No. 3 Drawing Office (Mussoorie).	H. S. Pushtu, H. S., H. S. Persian.	. . . . .
...	. . . . .	. . . . .	. . . . .	On deputation, Burma.
56	. . . . .	. . . . .	. . . . .	Previous temporary service in Cadastral Establishment. On deputation under Civil Commissioner, Baghdad (Mesopotamia).
57	P. 400 0 0 (d) C. A. 50 0 0	} No. 16 (Tidal) . . . . .	. . . . .	. . . . .
58	P. 400 0 0		No. 3 Drawing Office (Mussoorie).	H. S.; Field Service Test in Persian.
59	P. 400 0 0	No. 2 Drawing Office (Delra)	. . . . .	. . . . .
60	P. 400 0 0	No. 5 (S. C.) . . . . .	. . . . .	. . . . .
61	P. 400 0 0 (a) L. A. 50 0 0	} No. 8 (E. C.) . . . . .	. . . . .	. . . . .

(a) Local allowance (Assam), vide Financial Resolution No. 5826, dated 25th October 1888 (compensatory).
 (b) Ditto (compensatory), vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1902.
 (c) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1868.
 (d) Charge allowance (compensatory), vide Secretary of State's Despatch No. 109, dated 1st November 1912.

Classified List of Officers of the Provincial Service,

1	2	3	4	5	6
Serial No.	NAME OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

62	Johnson, James Henry	13 9 84	Sept. 13, 1904	Sept. 1, 1904	Aug. 1, 1918
63	Mahadeva Mudaliar, Madras, M.A.	24 10 84	Nov. 1, 1904	Nov. 1, 1904	Aug. 1, 1918
64	Graham, Albert Aitken	15 12 85	Dec. 15, 1905	Nov. 1, 1904	Aug. 1, 1918
65	Hanson, Ronald Clarence	27 5 83	Nov. 1, 1904	Nov. 1, 1904	Aug. 1, 1918
66	Drake, Arthur John Alexander, D.O.M.	29 3 85	Mar. 29, 1905	Nov. 14, 1904	Aug. 1, 1918
67	Grant, Francis Herbert	10 8 85	Aug. 10, 1905	Nov. 11, 1904	Aug. 1, 1918
68	Kitchen, Thomas Francis	2 3 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
69	Kitchen, Frederick Bernard	9 10 84	June 1, 1905	June 1, 1905	Aug. 1, 1918
70	Munshi Lal, B.A.	22 3 82	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1918
71	Picard, Cecil Osmond	6 10 86	Oct. 6, 1906	Nov. 1, 1905	Oct. 1, 1919*
72	Hughes, Henry Thomas	24 8 86	Aug. 24, 1906	Nov. 1, 1905	Aug. 1, 1918
73	Mitra, Prafulla Chandra, B.A.	16 1 83	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1918
74	Raj Bahadur Mathur, B.A.	18 8 83	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1918
75	Wainright, Victor Paul	19 1 85	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1918
76	Butterfield, Henry Harold Front	23 7 84	July 23, 1906	Nov. 1, 1905	Nov. 9, 1918
77	Norman, Gerard Austin	25 6 83	Dec. 1, 1905	Dec. 1, 1905	Nov. 9, 1918
78	Cooper, Gilbert Edward Routliff	24 8 85	Dec. 4, 1905	Dec. 4, 1905	Nov. 9, 1918
79	Miller, William James Evans	27 12 83	Dec. 4, 1905	Dec. 4, 1905	. . . . .

* Date of reduction.

Survey of India, as it stood on 1st July 1920—continued.

Serial No.	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
	<i>M. S. P.</i>			
62	P. . . . 400 0 0	No. 3 (N. C.) . . . . .	. . . . .
63	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
64	P. . . . 400 0 0	No. 3 Drawing Office (Mussoorie).	. . . . .
65	P. . . . 400 0 0	No. 1 (N. C.) . . . . .	. . . . .
66	P. . . . 400 0 0	No. 6 Drawing Office (Simla).	. . . . .
67	P. . . . 400 0 0	No. 7. (S. C.) . . . . .	. . . . .
68	P. . . . 400 0 0	Forest Map Office . . . . .	. . . . .	Previous temporary service in Cadastral Establishment.
69	P. . . . 400 0 0	Trigonometrical Survey Office.	H. S.	
70	P. . . . 400 0 0	No. 6 (S. C.) . . . . .	. . . . .
71	P. . . . 350 0 0 (a) L. A. . . . 80 0 0	} No. 21 (Burma Forest) . . . . .	. . . . .
72	P. . . . 400 0 0 (a) L. A. . . . 80 0 0		} No. 11 (E. C.)
73	P. . . . 400 0 0 (b) L. A. . . . 50 0 0	} No. 12 (E. C.)
74	P. . . . 400 0 0		No. 18 (Magnetic)
75	P. . . . 400 0 0	Trigonometrical Survey Office.	. . . . .
76	P. . . . 400 0 0 (e) L. A. . . . 50 0 0 (d) P. A. . . . 30 0 0	} Head-quarters, Calcutta . . . . .	. . . . .
77	P. . . . 400 0 0 (b) C. A. . . . 50 0 0		} In charge Birjand Survey Detachment.
78	P. . . . 400 0 0	No. 3 (N. C.)
79	. . . . .	. . . . .	. . . . .	On deputation to military duty.

- (a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1899 (compensatory).
 (b) Local allowance (Assam), vide Financial Resolution No. 5826, dated 25th October 1898 (compensatory).
 (c) Local allowance (compensatory), vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1903.
 (d) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1900.
 (e) Charge allowance (remunerative), vide Secretary of State's Despatch No. 121 (Finance), dated 7th May 1895.

Classified List of Officers of the Provincial Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents—contd.

80	Saint, Frederick Charles	28 4 87	Aug. 24, 1907	Dec. 1, 1905	. . . . .
81	Smith, Frederick William	7 8 85	Nov. 1, 1905	Nov. 1, 1905	Nov. 9, 1918
82	Wyatt, Bertram Thomas	8 12 86	Dec. 8, 1906	Nov. 9, 1906	Nov. 9, 1918
83	McInnes, Colin Stewart	3 10 86	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1918
84	Ganessa Aiyar, Mayavaram Sandrappa	10 1 83	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1918
85	Strong, William Henry, M.D.E.	28 3 87	Mar. 28, 1907	Nov. 9, 1906	Nov. 9, 1918
86	Abdul Karim, B.A.	28 9 84	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1918
87	Grice, Francis Joslyn	20 12 87	Dec. 20, 1907	Nov. 9, 1906	Nov. 9, 1918
88	Seston, Cecil Bernard	23 7 89	July 23, 1909	Nov. 1, 1907	. . . . .
89	Booth, Albert Joseph	10 7 89	July 10, 1906	Nov. 1, 1907	Nov. 1, 1910
90	Pollett, John Charles St. Clair	6 9 87	Nov. 1, 1907	Nov. 1, 1907	Nov. 1, 1919
91	Gopalachari, Kovil-vanni Sarangapani, B.A.	23 11 84	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1914
92	Jackson, Oscar Douglas	18 1 88	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1917
93	Fitzpatrick, Joseph O'Connor	19 3 87	Nov. 20, 1908	Nov. 20, 1908	. . . . .
94	Jiya Lal Sahgal	19 2 89	Feb. 19, 1909	Nov. 2, 1908	Nov. 2, 1917
95	Moq'muddin	20 5 90	May 20, 1910	Nov. 1, 1909	Nov. 1, 1918

Survey of India, as it stood on 1st July 1920—continued.

7	8	9	10
Salary.	Where employed at present.	Language qualifications.	REMARKS.

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
80	. . . . .	. . . . .	. . . . .	On leave.
81	P. . . . 400 0 0	No. 5 (S. C.) . . . . .	. . . . .
82	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
83	P. . . . 400 0 0	No. 15 (Triangulation) . . . . .	. . . . .
84	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
85	P. . . . 400 0 0	Mesopotamian Survey Party.	. . . . .
86	P. . . . 400 0 0	No. 4 (N. C.) . . . . .	. . . . .
87	P. . . . 400 0 0	No. 1 (N. C.) . . . . .	. . . . .
88	. . . . .	. . . . .	. . . . .	On privilege leave for 4 months and 28 days combined with leave on private affairs for 3 months from 28th June 1920.
89	P. . . . 400 0 0	Mesopotamian Survey Party.	. . . . .
90	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
91	P. . . . 300 0 0	No. 17 (Levelling) . . . . .	. . . . .
92	P. . . . 350 0 0	No. 20 (Cantonment) . . . . .	. . . . .
93	. . . . .	. . . . .	. . . . .	On leave.
94	P. . . . 350 0 0 (a) L. A. . . . 50 0 0 (b) P. A. . . . 30 0 0	Head-Quarters, Calcutta	. . . . .
95	P. . . . 350 0 0		No. 3 (N. C.)	

(a) Local allowance (compensatory), vide Secretary of State's Despatch No. 179 (Revenue), dated 11th December 1909.
 (b) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1906.

Classified List of Officers of the Provincial Service.

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first joining the Department.	Date of appointment to present pay.

PROVINCIAL SERVICE—concl'd.

Extra Assistant Superintendents—concl'd.

96	Creed, Harold Henry	29 7 90	July 29, 1910	Nov. 1, 1909	Nov. 1, 1918
97	Calvert, John Alfred	27 12 89	Dec. 27, 1909	Nov. 1, 1909	Nov. 1, 1918
98	Dickson, Allan Vere	23 1 91	Jan. 23, 1911	Nov. 1, 1919	Nov. 1, 1919
99	Chuckerbutty, Narendra Nath, L.O.E.	29 3 89	Nov. 1, 1910	Nov. 1, 1910	Nov. 1, 1919
100	Murphy, Allan Francis	25 10 91	Oct. 25, 1911	Nov. 1, 1910	Nov. 1, 1919
101	Banerjee, Dharendra Nath, L.O.E.	25 12 88	Nov. 1, 1910	Nov. 1, 1910	Nov. 1, 1919
102	Dani Chand Pari	6 11 90	Nov. 1, 1911	Nov. 1, 1911	Dec. 25, 1919*
103	Haribara Iyer, Nurani Sivarama	13 12 90	Nov. 1, 1911	Nov. 1, 1911	Nov. 1, 1917

Probationers.

1	Ghosh, Prasanna Kumar, B.Sc.	1 2 97	Oct. 6, 1919	Oct. 6, 1919	Oct. 6, 1919
2	Saha, Bhubendra Nath, M.Sc.	12 11 96	Oct. 6, 1919	Oct. 6, 1919	Oct. 6, 1919
3	Critchell, Hugh Martin	25 12 00	Dec. 25, 1920	Oct. 6, 1919	Oct. 6, 1919
4	Mahammad Najamuddin, B.A.	15 10 98	Oct. 7, 1919	Oct. 7, 1919	Oct. 7, 1919
5	Threlfall, Terence Osbourne	11 2 00	Feb. 11, 1920	Oct. 7, 1919	Oct. 7, 1919

SPECIAL APPOINTMENTS (OUTSIDE THE PROVINCIAL SERVICE)

1	Gaillard, Michael	8 3 62	. . . . .	. . . . .	. . . . .
2	Shaw, Henry George	21 2 62	. . . . .	. . . . .	. . . . .
3	Ewing, Arthur	20 4 62	. . . . .	. . . . .	. . . . .

* Date of reinstatement.

Survey of India, as it stood on 1st July 1920—concluded.

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
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96	P. 350 0 0 (a) L. A. 80 0 0	No. 10 (E. C.)	On privilege leave for 4 months and 10 days combined with leave on medical certificate for 6 months and 20 days from 1st November 1919.
97	P. 350 0 0	No. 1 (N. C.)	
98	. . . . .	. . . . .	Kachin
99	P. 350 0 0	No. 17 (Levelling)	
100	P. 350 0 0	Mesopotamian Survey Party	
101	P. 250 0 0 (a) L. A. 80 0 0	No. 10 (E. C.)	
102	P. 300 0 0	No. 2 (N. C.)	
103	P. 300 0 0	No. 5 (S. C.)	
1	P. 100 0 0	Under instruction, Dehra	
2	P. 100 0 0	Ditto	
3	P. 100 0 0	Ditto	
4	P. 100 0 0	Ditto	
5	P. 100 0 0	Ditto	

1	P. 450 0 0*	Chief Draftsman, Map Publication Office, Calcutta. . . . .	. . . . .	Retired: in temporary employ from 6th March 1917.
2	P. 350 0 0†	Northern Circle Office . . . . .	. . . . .	Retired: in temporary employ from 21st February 1917.
3	P. 250 0 0‡	Trigonometrical Survey Office. . . . .	. . . . .	Retired: in temporary employ from 10th November 1919.

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 760, dated 11th February 1899 (compensatory).

* Also draws pension of Rs500 per mensem in addition to pay, vide Department of Revenue and Agriculture No. 242-13-3, dated 2nd April 1917.

† Also draws pension of Rs425 per mensem in addition to pay, vide Department of Revenue and Agriculture No. 242-13-3, dated 2nd April 1917.

‡ Also draws pension of Rs500 per mensem in addition to pay, vide Department of Revenue and Agriculture No. 803-110-2, dated 18th October 1919.

Classified List of Officers of the Upper Subordinate Service,

1	2	3	4	5	6
Serial No.	NAME OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first appointment.	Date of appointment to present pay.

UPPER SUBORDINATE SERVICE.
Sub-Assistant Superintendents.

Salary ₹250 (9).

Nil.

Salary from ₹80 to ₹200 (116).

1	Mukerji, Sarat Kumar	24 8 69	Aug. 24, 1889	Aug. 1, 1911	Aug. 1, 1917
...	Shri Jang, K.B.*	15 3 70	Oct. 1, 1896	Aug. 1, 1909	. . . . .
2	Bam Singh, B.S.*	1 7 71	July 1, 1891	Aug. 1, 1909	Aug. 1, 1918
3	Dharmu*	1 7 67	Dec. 1, 1886	Jan. 1, 1910	Jan. 1, 1919
4	Dalbir Rai*	4 8 55	Dec. 8, 1889	Jan. 1, 1910	Jan. 1, 1919
5	Hayat Muhammad, K.S.*	15 9 74	May 1, 1896	Jan. 1, 1910	Jan. 1, 1919
6	Das, Karuna Kumar, B.S.	25 7 74	July 19, 1888	Apr. 1, 1910	Apr. 1, 1919
7	Shome, Bidhu Bhusan	9 11 82	July 13, 1904	Apr. 1, 1910	Apr. 1, 1919
8	Narayana Rao, Benne Vasudeviah*	1 7 70	July 1, 1892	Aug. 1, 1910	Jan. 1, 1920
9	Nanak Chand Pari, B.A., B.S.	24 12 85	Dec. 10, 1909	Dec. 10, 1909	Dec. 10, 1917
10	Chuni Lal Kapur	21 10 88	Apr. 1, 1910	Apr. 1, 1910	Apr. 1, 1918
11	Paras Ram*	1 7 71	July 1, 1891	July 1, 1912	. . . . .
12	Jamma Prasad, B.S.*	14 10 72	June 1, 1893	July 1, 1912	. . . . .
13	Jugal Behari Lal	11 9 89	Apr. 1, 1910	Apr. 1, 1910	July 1, 1918
14	Ram Narayan Hastir	21 4 89	Apr. 1, 1910	Apr. 1, 1910	July 1, 1918
15	Mandanna, Kodandera Ganpathy	29 4 88	Apr. 1, 1910	Apr. 1, 1910	July 1, 1918
16	Muhammad Husain Khan	16 6 80	June 13, 1910	June 13, 1910	July 1, 1918
17	Narayanasami Chetti, Kodattl*	22 1 71	Aug. 1, 1892	Aug. 1, 1913	Aug. 1, 1919
18	Vengasvami, Periyakottal Sundaram	4 1 91	Apr. 16, 1912	Apr. 16, 1912	Apr. 16, 1920
19	Muhammad Husain*	1 7 81	Mar. 1, 1901	June 1, 1914	June 1, 1920

* Promoted from the Lower Subordinate Service.

Survey of India, as it stood on 1st July 1920.

7	8	9	10
Serial No.	Salary.	Where employed at present.	REMARKS.

	R	a.	p.			
1	P.	170	0 0	Computing Office (Dehra)	. . . . .	Joined as Computer on 29th July 1899.
...	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Joined as Soldier Surveyor on 1st May 1895. On deputation under Civil Commissioner, Baghdad (Mesopotamia). Joined as Pupil on 13th March 1891.
2	P.	140	0 0	No. 2 Drawing Office (Dehra).	. . . . .	Joined as Sub-Surveyor on 1st December 1888.
3	P.	125	0 0	No. 20 (Cantonment)	. . . . .	Joined as Sub-Surveyor on 8th December 1889.
4	P.	125	0 0	} Eastern Circle Office	. . . . .	Joined as Apprentice Sub-Surveyor on 1st May 1896.
5	(a) L. A.	40	0 0			
6	P.	125	0 0	} No. 10 (E. C.)	Kachin	Joined as Computer on 19th July 1898.
6	(b) L. A.	50	0 0			
7	P.	125	0 0	No. 17 (Levelling)	. . . . .	Joined as Copyist on 13th July 1904.
8	P.	140	0 0	Southern Circle Office	. . . . .	Joined as Apprentice Sub-Surveyor on 1st July 1892.
9	P.	110	0 0	Mesopotamian Survey Party	. . . . .
10	P.	110	0 0	Stud Sagar Party (N. C.)	. . . . .
11	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Joined as Sub-Surveyor on 1st July 1891. On privilege leave for 2 months and 22 days combined with furlough for 1 year from 7th June 1920.
12	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Joined as Sub-Surveyor on 1st June 1893. On privilege leave for 5 months and 6 days combined with furlough for 1 year from 1st October 1919.
13	P.	110	0 0	No. 2 Drawing Office (Dehra).	. . . . .
14	P.	110	0 0	No. 22 (Riverain)	. . . . .
15	P.	110	0 0	No. 6 (S. C.)	. . . . .
16	P.	110	0 0	No. 1 (N. C.)	. . . . .
17	P.	110	0 0	No. 7 (S. C.)	. . . . .	Joined as Sub-Surveyor on 1st August 1892.
18	P.	110	0 0	No. 5 (S. C.)	. . . . .
19	P.	110	0 0	No. 2 (N. C.)	. . . . .	Joined as Apprentice Sub-Surveyor on 1st March 1901.

(a) Local allowance (Assam), vide Financial Resolution No. 5826, dated 25th October 1888 (compensatory).
(b) Local allowance (Burma), vide Department of Revenue and Agriculture No. 240-31-2, dated 2nd March 1910 (compensatory).

Classified List of Officers of the Upper Subordinate Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first appointment.	Date of appointment to present pay.

UPPER SUBORDINATE SERVICE—contd.

20	Damodar Khadilkar *	1 7 68	Sept. 1, 1869	July 1, 1911	July 1, 1920
21	Bhikendra Nath Saha	3 1 89	Mar. 23, 1907	Oct. 20, 1914	Oct. 20, 1917
22	Shib Lal, C.E.*	18 6 73	Nov. 1, 1898	July 1, 1915	July 1, 1918
23	Imam Din*	1 7 77	Apr. 8, 1901	July 1, 1915	July 1, 1918
24	Ram Prasad, B.A., C.E.*	6 7 80	July 6, 1900	July 1, 1915	July 1, 1918
25	Hamid Gul, K.S., C.E.*	14 4 06	Apr. 14, 1866	July 1, 1915	July 1, 1918
26	Vakorjee, Satish Chandra	24 12 89	Apr. 9, 1912	Aug. 1, 1913	Aug. 1, 1918
27	Narasimhamurti Rao, Haldoddori	15 2 92	Aug. 11, 1913	Aug. 11, 1913	Aug. 11, 1918
28	Lakshmi Dutt Joshi	13 11 91	June 14, 1912	Aug. 1, 1913	Aug. 1, 1918
29	Vidya Dhar Chopra	12 11 92	Aug. 1, 1913	Aug. 1, 1913	Aug. 1, 1918
30	Nabidad Khan *	30 1 81	Dec. 15, 1902	Sept. 1, 1915	Sept. 1, 1918
31	Shahid Muhammad Salk, C.E.*	1 7 70	Nov. 1, 1892	July 1, 1916	July 1, 1919
32	Masud Khan *	17 7 67	Mar. 1, 1891	July 1, 1916	July 1, 1919
33	Jagdeesh Prasad Vastav	18 7 95	July 18, 1915	Oct. 15, 1914	Oct. 15, 1919
34	Natesan, Edayattamangalam Narayana, B.A.	30 9 89	Jan. 8, 1912	Sept. 22, 1914	Sept. 22, 1919
35	Boy, Pulin Behari	26 2 93	Aug. 28, 1914	Aug. 28, 1914	Aug. 28, 1919
36	Ghulam Hassan	6 8 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
37	Ghosh, Amulya Charan	5 10 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
38	Sen Gupta, Pratal Chandra, B.Sc.	15 6 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
39	Mitra, Gopal Lal	3 8 92	Oct. 15, 1914	Oct. 15, 1914	Apr. 15, 1920

* Promoted from the Lower Subordinate Service.

Survey of India, as it stood on 1st July 1920—continued.

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
20	P. 110 0 0	No. 7 (S. C.)		Joined as Apprentice Sub-Surveyor on 1st September 1909.
21	P. 95 0 0 (a) L. A. 50 0 0	No. 10 (E. C.)	Kachin	Joined as Computer on 28th March 1907.
22	P. 95 0 0	No. 7 (S. C.)		Joined as Sub-Surveyor on 29th February 1899. Temporary service since 29th February 1899 with a break of 3 months in 1898. Joined as Sub-Surveyor on 8th April 1901.
23	P. 95 0 0	No. 3 Drawing Office (Mussoorie).		
24	P. 95 0 0 (a) L. A. 50 0 0	No. 10 (E. C.)	Kachin; Maru	Joined as Sub-Surveyor on 8th November 1899.
25	P. 95 0 0	Mesopotamian Survey Party		Unattached List, 22nd Punjabis.
26	P. 95 0 0	No. 17 (Levelling)		Joined as Computer on 9th April 1912.
27	P. 95 0 0	No. 8 (S. C.)		
28	P. 95 0 0	No. 2 (N. C.)		Joined as Computer on 14th June 1912.
29	P. 95 0 0	No. 22 (Riverain)		
30	P. 95 0 0	No. 4 (N. C.)		Joined as Sub-Surveyor on 16th December 1902.
31	P. 95 0 0	No. 8 (S. C.)		Joined as Sub-Surveyor on 1st November 1902.
32	P. 95 0 0	No. 6 (S. C.)		Joined as Sub-Surveyor on 1st March 1901.
33	P. 95 0 0 (b) L. A. 40 0 0	Eastern Circle office		
34	P. 95 0 0	No. 6 (S. C.)		Previous service in the Madras Government Educational Department from 8th January 1912.
35	P. 95 0 0	No. 5 (S. C.)		
36	P. 95 0 0	No. 2 (N. C.)		
37	P. 95 0 0 (b) L. A. 40 0 0	No. 9 (E. C.)		
38	P. 95 0 0 (a) L. A. 50 0 0	No. 11 (E. C.)		
39	P. 95 0 0 (b) L. A. 40 0 0	No. 9 (E. C.)		

(a) Local allowance (Burma), vide Department of Revenue and Agriculture No. 249-91-2, dated 2nd March 1910 (compensatory).

(b) Local allowance (Assam), vide Financial Resolution No. 5826, dated 16th October 1898 (compensatory).

Classified List of Officers of the Upper Subordinate Service,

1	2	3	4	5	6
Serial No.	NAMES OF OFFICERS.	Date of birth.	Date of commencement of service counting for pension.	Date of first appointment.	Date of appointment to present pay.

UPPER SUBORDINATE SERVICE—*conold.*

40	Amlr Abdul Salam Matlub Ahmad	25 9 90	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
41	Bagohl, Girija Sonker	3 12 94	Dec. 3, 1914	Oct. 15, 1914	Oct. 15, 1919
42	Mukerji, Jitendra Mohan	21 9 92	Sept. 2, 1914	Sept. 2, 1914	Sept. 2, 1919
43	Daalat Ram Vohra	4 4 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
44	Bhamba Ram, C.H.*	25 12 78	Dec. 25, 1898	Jan. 1, 1917	Jan. 1, 1920
45	Ghosh, Annada Prasad*	1 4 73	Apr. 1, 1893	Aug. 1, 1917	Aug. 1, 1917
46	Laltan Khan, C.H.*	11 2 80	Feb. 11, 1899	Aug. 1, 1917	Aug. 1, 1917
47	Afras Gul Khan	29 3 89	May 1, 1907	Oct. 1, 1916	Oct. 1, 1918
48	Muhammad Khan*	1 7 71	Jan. 1, 1894	Dec. 5, 1918	Apr. 1, 1919
49	Abdul Latif Khan	15 4 88	Apr. 15, 1908	July 1, 1919	July 1, 1919
50	Baldeo Bihari Lal	16 11 79	Nov. 17, 1899	Sept. 1, 1919	Sept. 1, 1919
51	Sadik Ali	16 5 81	July 19, 1901	Oct. 1, 1919	Oct. 1, 1919
52	Mubammad Hasan	31 5 88	May 3, 1906	Feb. 16, 1920	Feb. 16, 1920
53	Jit Singh Rawat*	6 4 78	Oct. 1, 1898	Apr. 1, 1920	Apr. 1, 1920
54	Maung Pe, A. T. M.*	20 12 76	Apr. 1, 1920	Apr. 1, 1920	Apr. 1, 1920

Probationers.

1	Makurjee, Sasadhar	28 9 87	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
2	Makurjee, Bishnu Charan	11 8 98	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
3	Cabral, Joseph Anthony	6 2 01	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
4	Sircar, Prasannakumar	1 7 99	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
5	Narasingh Dass Joshi, B.A.	1 7 97	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919

* Promoted from the Lower Subordinate Service.

Survey of India, as it stood on 1st July 1920—concluded.

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
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<i>S a p.</i>				
40	P. 95 0 0	No. 3 (N. C.)		
41	P. 95 0 0 (a) L. A. 40 0 0	} No. 12 (E. C.)		
42	P. 95 0 0		No. 20 (Cantonment)	
43	P. 95 0 0	No. 2 (N. C.)		
44	P. 95 0 0 (b) L. A. 50 0 0	} No. 21 (Burma Forest)		Joined as Sub-Surveyor on 12th October 1897.
45	P. 80 0 0		Mesopotamian Survey Party . . . . .		Joined as Computer on 25th April 1892.
46	P. 80 0 0	No. 2 (N. C.)		Unattached List, Guides Infantry.
47	P. 80 0 0	Birjand Survey Detachment		Previous service in the Khyber Rifles from 1st May 1907.
48	P. 85 0 0	No. 1 (N. C.)		Joined as Surveyor on 1st January 1894.
49	P. 80 0 0	Mesopotamian Survey Party		Joined as Surveyor on 16th April 1907.
50	P. 80 0 0	Forest Map Office		Joined as Computer on 17th November 1890.
51	P. 95 0 0	Trigonometrical Survey Office		Joined as clerk on 10th July 1901. Previous service in the Forest Department from 10th July 1901 to 14th August 1902.
52	P. 80 0 0	Mesopotamian Survey Party		Previous service in K. G. O. Sappers and Minors from 30th May 1906.
53	P. 80 0 0	No. 9 Drawing Office (Mussorie).		Joined as Surveyor on 1st November 1897.
54	P. 80 0 0 (b) L. A. 50 0 0	} No. 10 (E. C.)		Joined as Surveyor on 1st April 1900.
1	P. 50 0 0		Southern Circle Office . . . . .		(Under instruction.)
2	P. 50 0 0	Ditto		Ditto.
3	P. 50 0 0	Ditto		Ditto.
4	P. 50 0 0	Ditto		Ditto.
5	P. 50 0 0	Ditto		Ditto.

(a) Local allowance (Assam), *vide* Department of Revenue and Agriculture No. 240—31-2, dated 2nd March 1910 (compensatory).(b) Ditto (Burma), *vide* ditto ditto ditto ditto (ditto)

Administrative and Technical Offices of the Survey of India as they stood on 1st July 1920.

NAMES OF OFFICERS AND SECTIONS.	Nature of work.	Officer in charge.
Head-Quarters, Calcutta.		
Surveyor General's Office	Accounts, Correspondence, etc.	Major H. J. Couchman, D.S.O., M.C., R.E.
<i>Administrative.</i>		
Superintendent's Office	Accounts, Correspondence, etc.	Supdt., Map Publication.
<i>Technical.</i>		
No. 1 Drawing Office	Mapping and Compiling	} Jagdamba Prasad, B.S.
Engraving Office	Map engraving by hand	
Photographic and Lithographic Office	Reproduction of maps	Major A. H. Gwyn, I.A.
Map Record and Issue Office	Receipt and Issue of maps	Major C. M. Thompson, I.A.
Mathematical Instrument Office	Receipt, Issue, Manufacture and Repair of Instruments.	S. Woodhouse.
Trigonometrical Survey, Dehra Dun.		
<i>Administrative.</i>		
Superintendent's Office	Accounts, Correspondence, etc.	Supdt. of Trig. Survey.
<i>Technical.</i>		
No. 2 Drawing Office	Mapping and Compiling	} Major F. J. M. King, R.E.
Photo-Zincographic Section	Reproduction of maps	
Solar Photographic Section	Solar Photography	
Forest Map Office	Reduction of Geodetic operations	} J. de Graaff, Hunter, Sc.D., M.A.
Computing Office	Type Printing	
Printing Section	Store, Workshops and Observatory Sections	
Northern Circle—Mussoorie.		
<i>Administrative.</i>		
Superintendent's Office	Accounts, Correspondence, etc.	Supdt., Northern Circle.
<i>Technical.</i>		
No. 3 Drawing Office	Mapping and Compiling	J. A. Freeman.
Southern Circle—Bangalore.		
<i>Administrative.</i>		
Superintendent's Office	Accounts, Correspondence, etc.	Supdt., Southern Circle.
<i>Technical.</i>		
No. 4 Drawing Office	Mapping and Compiling	J. H. Nichol.
Training Section		S. S. McAlister, Fielding.
Eastern Circle—Shillong.		
<i>Administrative.</i>		
Superintendent's Office	Accounts, Correspondence, etc.	Supdt., Eastern Circle.
<i>Technical.</i>		
No. 5 Drawing Office	Mapping and Compiling	M. C. Petters.

Field Parties and Offices of the Survey of India as they stood on 1st July 1920.

No. of Party or Office.	Locale of Operations.	Recess Quarters.	Nature of Current Operations.	Administrative Officer.
No. 1	N. Circle	Mussoorie	Topographical	Supdt., Northern Circle.
" 2	Ditto	Ditto	Ditto	Ditto.
" 3	Ditto	Ditto	Ditto	Ditto.
" 4	Ditto	Ditto	Ditto	Ditto.
" 5	S. Circle	Bangalore	Ditto	Supdt., Southern Circle.
" 6	Ditto	Ditto	Ditto	Ditto.
" 7	Ditto	Ditto	Ditto	Ditto.
" 8	Ditto	Ditto	Ditto	Ditto.
" 9	E. Circle	Shillong	Ditto	Supdt., Eastern Circle.
" 10	Ditto	Maymyo	Ditto	Ditto.
" 11	Ditto	Ditto	Ditto	Ditto.
" 12	Ditto	Shillong	Ditto	Ditto.
" 13	India	Mussoorie	Astronomical	Supdt. of Trig. Survey.
" 14	Ditto	Ditto	Pendulum	Ditto.
" 15	Ditto	Ditto	Triangulation	Ditto.
" 16	Ditto	Dehra Dun	Tidal	Ditto.
" 17	Ditto	Mussoorie	Levelling	Ditto.
" 18	Ditto	Ditto	Magnetto	Ditto.
" 19	Ditto	Calcutta	Base Line	Ditto.
" 20	Ditto	Bangalore	Cantonment	Supdt., Southern Circle.
" 21 (Burma Forest)	E. Circle	Maymyo	Forests	Supdt., Eastern Circle.
" 22 (Riverain)	N. Circle	Lahore	Special	Supdt., Northern Circle.
Sind Sugar Party	Ditto	Mussoorie	Ditto	Ditto.
No. 6 Drawing Office	Simla	Simla	Mapping and Compiling	Surveyor General.
Drawing Offices (Standard Mapping Section).	Bengal and Bihar and Orissa.	Calcutta	Ditto	Director of Surveys, Bengal.
Mesopotamian Survey Party.	Mesopotamia		Special	Surveyor General.
Birjand Survey Detachment.	Birjand		Ditto	Supdt., Northern Circle.

List of Officers of the Survey of India temporarily transferred,
1st July 1920.

Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Govt. Dept. or duty to which transferred.	Date of deputation.	REMARKS.
Major F. F. Hunter, D.S.O., I.A.		D. Sup.	Persia.		
Major V. R. Colter, I.A.		A. Sup.	Military duty	Nov. 27, 14	
Capt. (Temp. Lieut.-Col.) B. S. Wauckope, I.A.		A. Sup.	Ditto	Nov. 21, 14	
* A. B. Smart		D. Sup.	Assam	Apl. 1, 12	}
* J. H. Murphy		D. Sup.	Bihar and Orissa	Sep. 6, 10†	
* C. H. G. Johnson		D. Sup.	Central Provinces	Apl. 1, 12	}
* W. J. Baker		A. Sup.	Burma	Oct. 3, 06†	
* H. B. Powell		E. A. Sup.	Ditto	Oct. 1, 08	
* H. A. Hardless		E. A. Sup.	Ditto	Sept. 21, 19	
* W. E. S. Swiney		E. A. Sup.	Ditto	Nov. 20, 95	
* D. M. Berrill		E. A. Sup.	Bombay	Nov. 1, 09	
* C. J. Veale		E. A. Sup.	Thomason College, Burki.	Sept. 28, 11	
* T. B. Fitzgibbon.		E. A. Sup.	Civil Commissioner, Baghdad (Mesopotamia).	Feb. 6, 20	
J. H. Williams		E. A. Sup.	Military duty	Oct. 16, 09	
W. J. B. Miller		E. A. Sup.	Ditto	Dec. 12, 13	
* Sher Jung, K.D.		S. A. S.	Civil Commissioner, Baghdad (Mesopotamia).	Oct. 1, 15	
				Oct. 27, 15	
				Jan. 1, 19	

* Seconded.
† Represents date of original deputation.

List of Officers of the Survey of India on leave on 1st July
1920.

NAMES.	Designation, rank or grade.	Nature of leave.	Period of leave.	Leave began.	Leave ends.	REMARKS.
Imperial Service.						
V. M. D.						
Col. C. H. D. Ryder, C.I.E., D.S.O., R.E.	S. G.	P. L.	0 6 0	Apl. 20, 20	Oct. 19, 21	
Col. Sir G. P. Lenox-Conyngham, Kt., B.E., V.R.S.	Sup.	P. L. with furlough.	1 3 5	May 16, 20	Aug. 20, 21	
Lt.-Col. C. L. Robertson, C.M.G., R.E.	Sup.	P. L. with furlough.	2 0 0	Oct. 25, 19	Oct. 24, 21	
Bt.-Col. F. W. Pirrie, C.M.G., C.I.E., I.A.	Sup.	P. L.	0 6 0	Apl. 20, 20	Oct. 19, 20	
Lt.-Col. H. H. Turner, R.E.	Sup.	P. L. with furlough.	1 0 0	Feb. 4, 20	Feb. 3, 21	
Lt.-Col. E. A. Tandy, R.E.	D. Sup.	P. L. with furlough.	1 10 0	Jan. 21, 23	Nov. 23, 21	
Lt.-Col. A. Mears, I.A.	D. Sup.	P. L. with furlough.	2 0 0	Apl. 7, 19	Apl. 6, 21	
Bt.-Lt.-Col. H. Wood, R.E.	D. Sup.	P. L. with furlough.	1 6 0	May 15, 19	Nov. 14, 20	
Maj. H. McC. Cowie, R.E.	D. Sup.	P. L. with furlough.	1 0 0	Nov. 26, 19	Nov. 25, 20	
Bt.-Lt.-Col. A. A. McHarg, D.S.O., R.E.	D. Sup.	P. L. with furlough.	1 0 0	Nov. 12, 19	Nov. 11, 20	
Maj. M. O'U. Tandy, D.S.O., C.B.E., R.E.	D. Sup.	P. L. with furlough.	1 1 0	Sept. 17, 19	Oct. 16, 20	
Bt.-Lt.-Col. C. M. Browne, C.M.G., D.S.O., R.E.	D. Sup.	P. L. with furlough.	1 0 0	Oct. 16, 19	Oct. 15, 20	
Maj. O. H. D. Trenchard, R.E.	D. Sup.	P. L. with furlough.	1 8 0	June 29, 20	Feb. 28, 22	
Maj. J. D. Campbell, D.S.O., R.E.	A. Sup.	P. L.	0 2 6	May 6, 20	July 11, 20	
Maj. R. Foster, I.A.	A. Sup.	P. L. with furlough.	1 0 0	Sept. 20, 19	Sept. 19, 20	
Capt. W. E. Perry, M.C., R.E.	A. Sup.	P. L. with furlough.	1 8 0	Feb. 21, 20	Oct. 20, 21	
Capt. H. E. Roome, M.C., R.E.	A. Sup.	P. L. with furlough.	1 0 15	Feb. 17, 20	Mar. 3, 21	
Bt.-Maj. E. O. Wheeler, M.C., R.E.	A. Sup.	Combined leave.	0 6 0	Apl. 12, 20	Oct. 11, 20	
Capt. H. A. Joly de Lotbiniere, M.C.B.E.	A. Sup.	Combined leave.	0 8 0	May 1, 20	Dec. 31, 20	
T. A. Ferrier, C.B.E.	O. C. M. I. O.	P. L. with furlough.	1 8 0	Jan. 13, 20	Sept. 12, 21	
Commissionary and Honorary Major C. J. Arbery, M.B.E.	O. C. No. 6 D. O.	Combined leave.	0 7 24	May 8, 20	Dec. 31, 20	

List of Officers of the Survey of India on leave on 1st July 1920—concluded.

Names.	Designation, rank or grade.	Nature of leave.	Period of leave.	Leave began.	Leave ends.	REMARKS.
Provincial Service.						
Y. M. D.						
H. H. B. Hanby	D. Sup.	P. L.	0 6 0	June 15, 20	Dec. 14, 20	
W. M. Gorman	E. Sup.	P. L.	0 6 0	May 8, 20	Nov. 7, 20	
F. P. Walsh	A. Sup.	P. L. with furlough.	1 11 22	July 14, 19	July 5, 21	
C. C. Byrne	E. A. Sup.	P. L. with furlough.	2 0 0	June 4, 20	June 3, 22	
E. G. Hardinge	E. A. Sup.	P. L. with furlough.	1 0 0	Apl. 29, 21	Apl. 28, 21	
Syed Zille Hasnain	E. A. Sup.	P. L.	0 6 0	May 21, 20	Nov. 20, 20	
H. B. Simons	E. A. Sup.	P. L. with furlough.	1 0 0	Apl. 5, 20	Apl. 4, 21	
N. R. Masumdar	E. A. Sup.	P. L.	0 2 0	May 12, 20	July 11, 20	
F. B. Kitchen	E. A. Sup.	P. L.	0 5 0	Mar. 28, 20	Aug. 27, 20	
F. C. Saint	E. A. Sup.	...	...	Apl. 20, 20	...	Details not to hand.
C. B. Seaton	E. A. Sup.	P. L. with leave on private affairs.	0 7 28	June 28, 20	Feb. 24, 21	
J. O'C. Fitzpatrick	E. A. Sup.	...	...	...	...	Details not to hand.
A. V. Dickson	E. A. Sup.	P. L. with leave on M. C.	0 11 0	Nov. 1, 19	Sept. 30, 20	
A. F. Murphy	E. A. Sup.	P. L.	0 4 0	May 20, 20	Sept. 19, 20	
N. S. Harihar Iyer	E. A. Sup.	P. L.	0 2 22	Apl. 10, 20	July 1, 20	
Upper Subordinate Service.						
Paras Ram	S. A. S.	P. L. with furlough.	1 2 22	June 7, 20	Aug. 28, 21	
Jamna Prasad, a.s.	S. A. S.	P. L. with furlough.	1 5 6	Oct. 1, 19	Mar. 6, 21	
Jugal Behari Lal	S. A. S.	P. L.	0 5 0	Mar. 17, 20	Aug. 16, 20	
Muhammad Husain Khan.	S. A. S.	P. L.	0 3 17	Apl. 23, 20	Aug. 8, 20	
Shib Lal, C. H.	S. A. S.	P. L.	0 5 12	Apl. 21, 20	Oct. 2, 20	
Hamid Gul.	S. A. S.	P. L.	0 3 30	Apl. 18, 20	Aug. 16, 20	
S. C. Mukerjee	S. A. S.	P. L.	0 4 4	May 27, 20	Sept. 30, 20	
Sadik Ali	S. A. S.	P. L.	0 3 0	Apl. 6, 20	July 5, 20	

List of casualties which occurred in the Survey of India during the half-year ending 30th June 1920.

Names.	Rank or Designation.	Date.	NATURE OF CASUALTY.
<i>Imperial Service.</i>			
Colonel T. F. B. Renny-Tailyour, C.B., C.S.I., R.E.	Sup.	Mar. 6, 1920	Retired.
Lt.-Colonel R. T. Crichton, O.I.E., I.A.	Sup.	Mar. 8, 1920	Reverted to Army Department.
Major M. N. MacLeod, D.S.O., M.C., R.E.	D. Sup.	Apl. 30, 1920	Reverted to Home Establishment.
<i>Provincial Service.</i>			
R. B. Gildea	E. A. Sup.	Apl. 14, 1920	Resigned.
F. E. R. Calvert	E. A. Sup.	Feb. 28, 1920	Resigned.
R. M. Wyatt	E. A. Sup.	Feb. 14, 1920	Resigned.
<i>U. S. Service.</i>			
Eknath Dattu	S. A. S.	Apl. 2, 1920	Retired.
Abhas Chandra Sen Gupta (on probation).		June 17, 1920	Resigned.
Narendra Nath Soor (on probation)		June 17, 1920	Resigned.
Jitendra Nath Chakravorty (on probation).		June 17, 1920	Resigned.

List of Officers holding Indian Titles in the Survey of India.

NAMES.	Designation and office.	Date on which title was granted.
<i>Khan Bahadur.</i>		
Sher Jang	S. A. S.	1st Jan. 1904.
Haji Abdul Rahim	E. A. Sup.	3rd June 1913.
Asmatullah Khan	E. A. Sup.	3rd June 1919.
<i>Rai Bahadur.</i>		
Girindra Nath Mukerji	Head Clerk, Mathematical Instrument Office. (Re-employed pensioner.)	3rd June 1919.
<i>Khan Sahib.</i>		
Hayat Muhammad	S. A. S.	12th Dec. 1911.
Eyed Zille Haasnain	E. A. Sup.	3rd June 1918.
Hamid Gul, C.E.	S. A. S.	1st Jan. 1919.
<i>Rai Sahib.</i>		
Ram Singh	S. A. S.	1st Jan. 1904.
Maya Das Puri	E. A. Sup.	12th Dec. 1911.
Gurmukh Singh	Surveyor	14th June 1912.
Pramadaranjan Ray	E. A. Sup.	3rd June 1913.
Narendra Nath Mukharji	Head Accountant, Surveyor General's Office.	22nd June 1914.
Ishan Chandra Deb, B.A.	Head Computer, Trigonometrical Survey Office.	3rd June 1916.
Jamna Prasad	S. A. S.	3rd June 1916.
Bam Prasad, C.E.	S. A. S.	3rd June 1916.
Nanak Chand Puri, B.A.	S. A. S.	1st Jan. 1919.
Jagdau Lal Prasad	Offg., D. Sup.	1st Jan. 1920.
<i>Ahmudan gung Tuzsik ya Min.</i>		
Maung Po	S. A. S.	5th June 1920.

List of recipients of Kaiser-I-Hind Medals in the Survey of India.

NAMES.	Designation and office.	Date on which the medal was awarded.
<i>First Class (Gold Medal).</i>		
F. R. Vandyke	Manager, Litho Branch, Photo-Litho Office (on deputation).	1st Jan. 1916.
<i>Second Class (Silver Medal).</i>		
Sher Jang, C.E.	S. A. S.	1st Jan. 1914.

Disposition List of Administrative Officers of the Survey of India, 1st July 1920.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Surveyor General of India. (Calcutta.)	Col. C. H. D. Ryder, O.I.E., D.S.O., R.E. (on leave).	. . . . .	. . . . .	. . . . .	Sept. 16, 19	General direction of all operations and superintendence of— No. 6 Drawing Office (Simla). Mesopotamian Survey Party.
	Lieut.-Col. W. M. Coldstream, R.E. (Offg.)	. . . . .	. . . . .	. . . . .	Apr. 20, 20	
Superintendent, Northern Circle.	Lieut.-Col. H. L. Crosthwait, R.E.	. . . . .	. . . . .	Offg. Sup.	Mar. 8, 20	Superintendence of— No. 1 Party. No. 2 Party. No. 3 Party. No. 4 Party. No. 22 (Riverain) Party. Sind Sagar Party. Birjand Survey Detachment.
<i>Provl. Service.</i>						
	H. G. Shaw . . . . .	. . . . .	. . . . .	. . . . .	June 29, 20	Retired, in temporary employ.
	J. A. Freeman	D. Sup.	. . . . .	. . . . .	Nov. 17, 14	In charge No. 3 Drawing Office.
	E. B. West	E. A. Sup.	. . . . .	. . . . .	Apr. 1, 20	No. 3 Drawing Office.
	D. K. Rennick, M.B.E.	E. A. Sup.	. . . . .	. . . . .	Feb. 23, 20	Ditto.
	I. Williams	E. A. Sup.	. . . . .	. . . . .	Apr. 1, 20	Ditto.
	A. A. Graham	E. A. Sup.	. . . . .	. . . . .	Oct. 5, 18	Ditto.
<i>U. S. Service.</i>						
	Imam Din	S. A. S.	. . . . .	. . . . .	July 1, 15	No. 3 Drawing Office.
	Paras Ram	S. A. S.	. . . . .	. . . . .	June 7, 20	(On leave.)
	Jamna Prasad, B.S.	S. A. S.	. . . . .	. . . . .	Oct. 1, 19	Ditto.
	Jit Singh Rawat	S. A. S.	. . . . .	. . . . .	Apr. 1, 20	No. 3 Drawing Office.
(Mussoree.)						

Disposition List of Administrative Officers of the Survey of India, 1st July 1920—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Superintendent, Southern Circle.	Bt. Lt.-Col. C. P. Gunter, O.D.E., R.E.	. . . . .	. . . . .	Offg. Sup.	Jan. 21, 20	Superintendence of— No. 5 Party. No. 6 Party. No. 7 Party. No. 8 Party. No. 20 (Cantonment).
<i>Provl. Service.</i>						
	J. H. Nichol . . . . .	. . . . .	. . . . .	D. Sup.	Mar. 10, 13	In charge No. 4 Drawing Office.
	S. S. McA'F. Fielding.	. . . . .	. . . . .	E. A. Sup.	Oct. 22, 19	Survey Instructor.
<i>U. S. Service.</i>						
	B. V. Narayana Rao	. . . . .	. . . . .	S. A. S.	Oct. 16, 10	No. 4 Drawing Office.
	Sasadhur Mukerjee	. . . . .	. . . . .	. . . . .	May 6, 20	On probation.
	Hishnu Charan Mukerjee.	. . . . .	. . . . .	. . . . .	May 6, 20	Ditto.
	J. A. Cabral . . . . .	. . . . .	. . . . .	. . . . .	May 6, 20	Ditto.
	Prasanna Kumar Sircar.	. . . . .	. . . . .	. . . . .	May 6, 20	Ditto.
	Narasing Dass Joshi, B.A.	. . . . .	. . . . .	. . . . .	May 6, 20	Ditto.
(Bangalore.)						
Superintendent, Eastern Circle.	Lt.-Col. W. M. Coldstream, R.E. Maj. E. T. Rich, C.I.E., R.E. (Offg.)	. . . . .	. . . . .	Sup. Offg. Sup.	Oct. 20, 19 Apr. 20, 20	Offg. Surveyor General. Superintendence of— No. 9 Party. No. 10 Party. No. 11 Party. No. 12 Party. No. 21 (Burma Forest) Party.
<i>Provl. Service.</i>						
	M. C. Petters . . . . .	. . . . .	. . . . .	D. Sup.	July 1, 20	In charge No. 5 Drawing Office.
	E. Claudius . . . . .	. . . . .	. . . . .	E. A. Sup.	May 15, 15	No. 5 Drawing Office.
<i>U. S. Service.</i>						
	Dalbir Rai	. . . . .	. . . . .	S. A. S.	June 1, 20	Ditto.
	Jagdeesh Prasad Vastav.	. . . . .	. . . . .	S. A. S.	Mar. 25, 20	Ditto.
(Shillong.)						

Disposition List of Administrative Officers of the Survey of India, 1st July 1920—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Superintendent of the Trigonometrical Survey.	Col. Sir G. P. Lenoir-Conyngham, Kt., R.E., F.R.S. (on leave).	. . . . .	. . . . .	Sup. . . .	Sept. 9, 12	Superintendence of Offices at Dehra and of— No. 13 Party (Astro.), No. 14 Party (Pendulum), No. 15 Party (Triangulation), No. 16 Party (Tidal), No. 17 Party (Levelling), No. 18 Party (Magnetic), No. 19 Party (Base line). In charge Computing Office.
	Maj. R. H. Thomas, D.S.O., R.E. (Offg.)	. . . . .	. . . . .	Offg. Sup.	May 16, 20	
	J. de Graaff Hunter, sc. D. M.A.	. . . . .	. . . . .	D. Sup. . . .	Apr. 30, 20	
	Major F. J. M. King, R.E.	. . . . .	. . . . .	Offg. D. Sup.	Apr. 1, 19	
	H. G. Salmoud	. . . . .	. . . . .	...	Aug. 27, 19	On deputation from Eastern Bengal Railway.
		<i>Provl. Service.</i>				
		A. Ewing	. . . . .	...	Nov. 10, 19	Retired, in temporary employ.
		H. P. D. Morton	E. A. Sup.	. . . . .	June 4, 20	Chief Draftsman, Forest Map Office (offg.)
		Hanuman Prasad	E. A. Sup.	. . . . .	May 1, 13	Computing Office.
		Rama Prasad Ray, B.A.	E. A. Sup.	. . . . .	July 1, 18	No. 2 Drawing Office.
		Maj. C. H. Tresham	E. A. Sup.	. . . . .	Mar. 17, 20	Ditto.
		J. McCracken, M.B.E.	E. A. Sup.	. . . . .	Sept. 15, 19	Ditto.
		T. F. Kitchen	E. A. Sup.	. . . . .	July 21, 19	Forest Map Office.
		F. B. Kitchen	E. A. Sup.	. . . . .	Mar. 27, 20	Trigl. Survey Office.
		V. P. Wainright	E. A. Sup.	. . . . .	Feb. 13, 20	Ditto.
		Prafulla Kumar Ghosh, B.Sc.	...	. . . . .	Oct. 6, 19	(On probation.)
		Bhupendra Nath Saha, B.Sc.	...	. . . . .	Oct. 6, 19	Ditto.
		H. M. Critchell	...	. . . . .	Oct. 6, 19	Ditto.
		M. Najamuddin, B.A.	...	. . . . .	Oct. 7, 19	Ditto.
		T. O. Threlfall	...	. . . . .	Oct. 7, 19	Ditto.
		<i>U. S. Service.</i>				
		Sarat Kumar Mukerji.	S. A. S.	. . . . .	Aug. 1, 11	Computing Office.
		Ram Singh, B.S.	S. A. S.	. . . . .	Apr. 1, 13	No. 2 Drawing Office.
		Jugal Behari Lal	S. A. S.	. . . . .	Oct. 1, 18	Ditto.
		Baldeo Bihari Lal	S. A. S.	. . . . .	Sept. 1, 19	Forest Map Office.
		Radik Ali	S. A. S.	. . . . .	Apr. 6, 20	Trigl. Survey Office.

(Dehra Dun.)

Disposition List of Administrative Officers of the Survey of India, 1st July 1920—continued.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	Details of superintendence and remarks.
Superintendent, Map Publication.	Lt.-Col. G. A. Benzley, D.S.O. R.E.	. . . . .	. . . . .	Offg. Sup.	Feb. 4, 20	
		Maj. C. M. Thompson, I.A.	. . . . .	Offg. D. Sup.	June 29, 20	On deputation. In charge M. R. I. O.
		Major A. H. Gwyn, I.A.	. . . . .	Offg. D. Sup.	Mar. 25, 19	In charge P. I. O.
		<i>Provl. Service.</i>				
		M. Gastaud	. . . . .	...	Mar. 8, 17	Chief Draftsman, Map Publication Office. Retired, in temporary employ.
		P. Williams	E. A. Sup.	. . . . .	Mar. 4, 11	
		Jagdamba Prasad, B.S.	Offg. D. Sup.	. . . . .	June 8, 10	In charge No. 1 D. O. and E. O.
		Pramadaranjan Ray, B.S.	E. A. Sup.	. . . . .	July 1, 20	Head Draftsman, Drawing Office.
		C. West	E. A. Sup.	. . . . .	Feb. 26, 20	
		Abinash Chunder Bose.	E. A. Sup.	. . . . .	Nov. 2, 14	
		Asmat-ullah Khan, K.B.	E. A. Sup.	. . . . .	Oct. 3, 18	
		Priya Nath Sur	E. A. Sup.	. . . . .	May 1, 09	
		A. B. Hunter	E. A. Sup.	. . . . .	Oct. 30, 19	
		H. H. P. Butterfield	E. A. Sup.	. . . . .	May 10, 17	
		Jiya Lal Sabgal	E. A. Sup.	. . . . .	Sept. 17, 16	

(Calcutta.)

Disposition List of Administrative Officers of the Survey of India, 1st July
1920—concluded.

Post.	Administrative Officers.	Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Date of appointment.	REMARKS.
Charge of Surveyor General's Office.	Maj. H. J. Couchman, D.S.O., M.C. R.E.	. . . . .	D. Sup.	Feb. 21, 20	
(Calcutta.)						

Post.	Administrative Officer.	Officer in charge.	Works Manager.		Date of appointment.	REMARKS.
Charge of Mathematical Instrument Office.	Supdt., Map Publication.	T. A. Ferrier, C.B.E.	. . . . .	. . . . .	Oct. 3, 19	On combined leave.
		S. Woodhouse (Offg.)	. . . . .	. . . . .	Jan. 13, 20	
		P. A. Hughes (Offg.)	. . . . .	. . . . .	Jan. 13, 20	
(Calcutta.)						

Disposition List of Officers of the Survey of India attached to Field Parties, 1st July 1920.

Disposition List of Officers of the Survey of India

No. of Party.	Locals and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.		
5	Southern Circle (Topographical).	Supt., Southern Circle.	Imperial Service.				
			Major L. C. Thuillier, I.A.	D. Sup.	Nov. 11, 19		
			Provincial Service.				
			F. C. Pilcher	E. A. Sup.	Aug. 2, 18		
			F. W. Smith	E. A. Sup.	Nov. 5, 19		
			Upper Subordinate Service.				
			P. S. Vengusvami	S. A. S.	Oct. 1, 18		
			Palin Behari Roy	S. A. S.	Oct. 1, 19		
			Recess quarters, Bangalore.			Permanent Establishment
						Temporary ditto
			Attached ditto			
6	Southern Circle (Topographical).	Supt., Southern Circle.	Provincial Service.				
			J. O'B. Donaghey	D. Sup.	Oct. 1, 16		
			E. A. Meyer	E. A. Sup.	Sept. 9, 07		
			Munshi Lal, B.A.	E. A. Sup.	Oct. 1, 15		
			N. S. Haribara Iyer	E. A. Sup.	Nov. 1, 18		
			Upper Subordinate Service.				
			K. G. Mandanna	S. A. S.	Nov. 1, 17		
			Maand Khan	S. A. S.	Nov. 1, 19		
			E. N. Natesan, B.A.	S. A. S.	Nov. 1, 18		
			Recess quarters, Bangalore.			Permanent Establishment
			Temporary ditto			
			Attached ditto			

attached to Field Parties, 1st July 1920—continued.

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1920-21. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.		
			Tindals and Khalasis.	Borkundazes and Peons.			
						89,850	In charge.
8	...	3	14	6	...	...
20	100	2	...	...
1	
						1,06,720	
...	
...	
...	
11	...	1	15	4	...	...
14	227	4	...	...
...	

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.		
7	Southern Circle (Topographical).	Supt., Southern Circle.	Imperial Service.				
			Maj. J. D. Campbell, D.S.O., R.E.	Offg. D. Sup.	Oct. 3, 19		
			Provincial Service.				
			S. F. Norman	E. A. Sup.	May 6, 20		
			Haji Abdul Rahim, K.B.	E. A. Sup.	Nov. 1, 19		
			F. H. Grant	E. A. Sup.	June 11, 20		
			Upper Subordinate Service.				
			K. Narayanaswami Chetti	S. A. S.	Feb. 8, 20		
			Damodar Khadilkar	S. A. S.	June 1, 20		
			Shib Lal, C.E.	S. A. S.	Feb. 25, 20		
Recess quarters, Bangalore.			Permanent Establishment				
			Temporary ditto				
			Attached ditto				
8	Southern Circle (Topographical).	Supt., Southern Circle.	Provincial Service.				
			W. M. German	D. Sup.	Nov. 1, 18		
			C. E. C. French	E. A. Sup.	May 8, 20		
			M. Mahadeva Mudallar, M.A.	E. A. Sup.	Apr. 8, 14		
			S. T. Wyatt	E. A. Sup.	Aug. 29, 19		
			J. C. St. C. Pollett	E. A. Sup.	Dec. 10, 19		
			M. S. Ganesa Aiyar	E. A. Sup.	Nov. 1, 19		
			Upper Subordinate Service.				
			H. Narasimhamurti Rao	S. A. S.	Nov. 1, 17		
			Shahk Muhammad Salik, C.E.	S. A. S.	Nov. 1, 18		
Recess quarters, Bangalore.			Permanent Establishment				
			Temporary ditto				
			Attached ditto				

attached to Field Parties, 1st July 1920—continued.

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1920-21.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Merial Establishment.		Sub-Assistant Surgeons.			Rs.
			Tindals and Khulasis.	Burkundazes and Peons.			
						1,01,770	(On leave.)
							In charge.
							(On leave.)
10	...	1	1	4	...		
5	...	1	57	...	...
...		
						1,44,150	(On leave.)
							In charge.
17	...	5	5	3	...		
22	319	1	...		
...	...	1	...	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.		
9	Eastern Circle (Topographical).	Supdt., Eastern Circle.	Imperial Service.				
			Bt.-Lt.-Col. R. H. Phillimore, D.S.O., D.E.			D. Sup.	Oct. 30, 19
			Provincial Service.				
			E. J. Biggle			E. A. Sup.	May 6, 18
			Amar Krishna Mitra			E. A. Sup.	July 6, 16
			Upper Subordinate Service.				
			Amulya Charan Ghosh			S. A. S.	Oct. 1, 15
			Gopal Lal Mitra			S. A. S.	Aug. 10, 16
			Recess quarters, Shillong.			Permanent Establishment	. . .
						Temporary ditto	. . .
			Attached ditto	. . .			
10	Eastern Circle (Topographical).	Supdt., Eastern Circle.	Provincial Service.				
			W. G. Jarbo			E. A. Sup.	June 20, 20
			H. H. Creed			E. A. Sup.	Oct. 11, 16
			Dhirendra Nath Banerji, L.O.S.			E. A. Sup.	Sept. 24, 15
			Upper Subordinate Service.				
			Dhirendra Nath Saha			S. A. S.	Nov. 1, 14
			Itan Prasad, D.S., O.U.			S. A. S.	Jan. 25, 19
			Hayat Muhammad, K.S.			S. A. S.	Apl. 6, 20
			Maung Po, A.R.M.			S. A. S.	Apl. 1, 20
			Recess quarters, Maymya.			Permanent Establishment	. . .
			Temporary ditto	. . .			
			Attached ditto	. . .			

attached to Field Parties, 1st July 1920 --continued.

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1920-21. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Medical Establishment. Tindals and Khalasis Durkandazs and Peons.		Sub-Assistant Surgeons.		
. . .	. . .	. . .	. . .	. . .	. . .	97,880	In charge.
8	...	2	3	8	1		
9	...	4	119	10	...		
6	...	1	...	...	...
. . .	. . .	. . .	. . .	. . .	. . .	1,98,320	In charge.
14	...	1	10	2	1		
3	6	1	25	...	...
3	1	...	...	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.
19	India (Base Line). Recess quarters, Calcutta	Supdt. of Trig. Sy.	Imperial Service.		June 29, 20
			Maj. C. M. Thompson, I.A.	Ofg. D. Sup.	
Permanent Establishment Temporary ditto Attached ditto					
20	India (Cantonment). Recess quarters, Bangalore	Supdt., Southern Circle.	Provincial Service.		Apl. 30, 18
			B. R. Hughes	D. Sup.	
J. H. S. Wilson E. A. Sup. May 1, 20 O. D. Jackson E. A. Sup. Nov. 1, 15					
Upper Subordinate Service.					
Dharmu S. A. S. Sept. 15, 13 Jitendra Mohan Mukerji S. A. S. Aug. 1, 18					
Permanent Establishment Temporary ditto Attached ditto					
21	Eastern Circle (Burma Forest). Recess quarters, Maymyo.	Supdt., Eastern Circle.	Provincial Service.		May 8, 19
			H. W. Biggle	D. Sup.	
C. O. Picard E. A. Sup. Oct. 25, 19					
Upper Subordinate Service.					
Bhamba Ram, C.E. S. A. S. May 1, 19					
Permanent Establishment Temporary ditto Attached ditto					
22	Punjab (Riverain). Recess quarters, Lahore.	Supdt., Northern Circle.	Provincial Service.		July 1, 10
			Maya Das Parl, R.S.	E. A. Sup.	
Upper Subordinate Service.					
Ram Narain Hastir S. A. S. Aug. 24, 18 Vidya Dhar Chopra S. A. S. Nov. 1, 14					
Permanent Establishment Temporary ditto Settlement ditto Attached ditto Purely Temporary ditto					

attached to Field Parties, 1st July 1920 - continued.

Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.	Tahsildars, Naib Tahsildars, Kamungos, etc.	Sanctioned Budget for 1920-21.	REMARKS.
			Tindals and Khulasis.	Burkundazes and Peons.				
...	10,040	In charge.
...	...	1	3	...	...	...	...	...
...
...
6	...	10	3	2	...	...	77,790	In charge.
7	...	2	105	...	...	...	...	...
2
16	...	1	2	1	...	...	1,46,290	In charge.
3	...	3	281	...	...	...	...	...
...
...
...
1	12	20	9	2	...	...	1,20,290	In charge.
...	6	5	9	...	...	...	...	...
...
...
...	10	26	480	...	1	3	...	...

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.		
Mesopotamian Survey Party.	Mesopotamia (Special).	S. G.	Imperial Service.				
			Bt.-Col. F. W. Pirrie, C.M.G., C.I.E., I.A.	Sup.	Apl. 22, 10		
			Provincial Service.				
			V. W. Morton	E. A. Sup.	Oct. 15, 10		
			B. C. Newland	E. A. Sup.	Sept. 5, 18		
			E. C. O'Sullivan, D.C.M.	E. A. Sup.	Sept. 19, 17		
			W. H. Strong, M.D.S.	E. A. Sup.	Feb. 4, 20		
			A. J. Booth	E. A. Sup.	Oct. 17, 15		
			A. F. Murphy	E. A. Sup.	Aug. 24, 18		
			Upper Subordinate Service.				
			Nanak Chand Puri, B.A., B.S.	S. A. S.	Oct. 1, 16		
			Hamid Gul, B.S., C.H.	S. A. S.	Feb. 1, 18		
			Annada Prasad Ghosh	S. A. S.	Sept. 1, 15		
			Abdul Latif Khan	S. A. S.	Dec. 17, 16		
Muhammad Hasan	S. A. S.	Feb. 16, 20					
Permanent Establishment							
Temporary ditto							

attached to Field Parties, 1st July 1920—continued.

Surveyors.	Traversers.	SUBORDINATE ESTABLISHMENT.			Sub-Assistant Surgeons.	Sanctioned Budget for 1920-21. Rs.	REMARKS.
		Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.				
			Tindals and Khalasis.	Burkundazes and Peons.			
.	3,09,500	(On leave.)	
.	In charge.	
		9	25	1			
		2	254				

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Officer.	Officers of the Imperial, Provincial and Upper Subordinate Services.	Class.	Date of appointment to Party.
Birjand Survey Detachment.	East Persia (Special).	Supdt., Northern Circle.	Provincial Service.		
			G. A. Norman	E. A. Sup.	Aug. 14, 19
			Upper Subordinate Service.		
			Afraz Gul Khan	S. A. S.	June 1, 19
				Permanent Establishment	..
				Temporary ditto	..

attached to Field Parties, 1st July 1920—concluded

Surveyors.	Traversers.	SUBORDINATE ESTABLISHMENT.			Sub-Assistant Surgeons.	Sanctioned Budget for 1920-21. Rs.	REMARKS.
		Menial Establishment.		Draftsmen, Computers, Clerks, Interpreters.			
		Tindals and Khalasis.	Burkundazes and Peons.				
..	..	1	..	..	..	In charge.
..		