

LIST OF OFFICERS
IN THE
SURVEY OF INDIA

CORRECTED TO

1ST JANUARY 1920



CALCUTTA
SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1920

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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.	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, O.I.M., D.S.O., R.E.	28 6 68	July 24, 1866	Nov. 29, 1891	Sept. 16, 1919
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Superintendents (5).

2	Renny-Tollyour, Col. Thomas Francis Bruce, O.D., O.S.I., R.E.	8 8 63	Feb. 14, 1883	Apl. 1, 1898	Mar. 1, 1910
2	Lenex-Conyngnam, Col. Sir Gerald Fensonby, Kt., R.E., F.R.S.	21 8 66	Sept. 16, 1885	July 16, 1889	Sept. 9, 1912
4	† Crichton, Lieut.-Col. Richmond Trevor, O.I.M., I.A.	8 2 65	Aug. 23, 1884	Dec. 16, 1889	Nov. 24, 1914
5	Robertson, Lieut.-Col. Charles Lonsdale, O.M.G., R.E.	13 2 87	July 24, 1886	May 3, 1894	Sept. 16, 1919
6	* Coldstream, Lieut.-Col. William Menzies, R.E.	19 2 69	July 27, 1888	Nov. 23, 1894	Aug. 26, 1911

Deputy Superintendents (21).

7	† Pirrie, Lt.-Col. Francis William, O.M.G., O.I.M., I.A.	23 8 67	Sept. 14, 1887	June 11, 1895	Mar. 1, 1910
8	* Turner, Lieut.-Col. Horace Harrison, R.E.	13 8 87	Nov. 23, 1889	Apl. 22, 1897	Mar. 1, 1910
9	* Beasley, Lieut.-Col. George Adam, D.S.O., R.E.	7 7 70	Feb. 14, 1890	Oct. 12, 1897	Mar. 1, 1910
10	* Crosthwait, Lieut.-Col. Herbert Leland, R.E.	26 12 67	Mar. 29, 1890	Nov. 22, 1897	Mar. 1, 1910
11	* Tandy, Lieut.-Col. Edward Aldborough, R.E.	26 12 71	Feb. 12, 1891	Jan. 31, 1898	Mar. 1, 1910
12	† Mears, Lieut.-Col. Arthur, I.A.	15 6 69	Jan. 30, 1889	Nov. 21, 1897	Mar. 1, 1910
13	Wood, Lt.-Lieut.-Col. Henry, R.E.	28 10 72	Feb. 12, 1892	Nov. 16, 1898	Mar. 1, 1910
14	Cowie, Major Herbert McCally, R.E.	21 11 73	Feb. 10, 1893	Nov. 2, 1898	Mar. 1, 1910

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

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

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

R a p.				
1	P. 3,000 0 0	Surveyor General	H. S.; L. S. Pushtu; Colloquial Chinese (Beikingese); Interpreter in French, 2nd class; L. S. Persian.	
2	. . . . .	. . . . .	. . . . .	On extension of service. On privilege leave for 4 months and 27 days combined with furlough for 7 months and 4 days from 6th March 1919.
3	P. 1,500 0 0 (a) C. A. 750 0 0 (a) C. A. 100 0 0	Superintendent of the Trigonometrical Survey.	. . . . .
4	P. 1,500 0 0 (b) C. A. 750 0 0	Superintendent, Northern Circle.	H. S.; L. S. Persian.	
5	. . . . .	. . . . .	L. S.	On privilege leave for 6 months combined with furlough for 1 year and 6 months from 25th October 1919.
6	P. 1,500 0 0 (b) C. A. 500 0 0	Superintendent, Eastern Circle.	L. S.; H. S. Pushtu	
7	P. 1,500 0 0 (b) C. A. 500 0 0	Deputy Director of Surveys, M. E. F.	H. S.; L. S. Pushtu	
8	P. 1,500 0 0 (b) C. A. 500 0 0 (c) C. H. A. 150 0 0	Offg. Superintendent, Map Publication.	. . . . .
9	. . . . .	. . . . .	. . . . .	On special (war) leave for 2 months from 17th December 1918 combined with leave on medical certificate up to 8th February 1920.
10	P. 1,500 0 0 (b) C. A. 500 0 0	In charge Waziristan Survey Party.	L. S. Pushtu	
11	P. 1,500 0 0 (b) C. A. 500 0 0	Offg. Superintendent, Southern Circle.	L. S.; Colloquial Burmese.	
12	. . . . .	. . . . .	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.
13	. . . . .	. . . . .	H. S.	On privilege leave for 5 months and 1 day combined with furlough for 6 months and 29 days from 15th May 1919.
14	. . . . .	. . . . .	. . . . .	On privilege leave for 6 months combined with furlough for 6 months from 20th November 1919.

(a) Charge allowance (remunerative), vide Secretary of State's Despatch No. 55 (Revenue), dated 10th May 1911.
(b) Ditto (ditto), vide Department of Revenue and Agriculture No. 814-80-2, dated 17th March 1910.
(c) Calcutta house allowance, vide Finance Department Memorandum No. 578-Ex., dated 30th January 1911.
‡ Also draws exchange compensation allowance.

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.

Deputy Superintendents (21)—contd.

15	Gunter, Lt.-Lieut.-Col. Clarence Preston, O.B.E., B.E.	24 5 73	Feb. 10, 1893	July 10, 1890	Mar. 1, 1910
16	Rich, Major Edmund Tillotson, C.I.E., B.E.	23 8 74	July 25, 1893	July 3, 1889	Mar. 1, 1910
17	* McHarg, Lt.-Lieut.-Col. Alfred Alexis, D.S.O., B.E.	4 2 74	July 25, 1893	Jan. 9, 1900	Mar. 1, 1910
18	Tandy, Major Maurice O'Connor, D.S.O., O.B.E., B.E.	17 11 73	July 25, 1893	Jan. 17, 1900	Mar. 1, 1910
19	* Thomas, Major Robert Henry, D.S.O., B.E.	23 4 77	June 21, 1896	July 17, 1901	Mar. 1, 1910
20	† Thuillier, Major Loelle Cardow, I.A.	7 10 77	Jan. 20, 1897	Sept. 12, 1901	Apr. 27, 1910
21	* Brown, Lt.-Lieut.-Col. Charles Michael, C.M.G., D.S.O., B.E.	26 11 78	Dec. 23, 1897	Jan. 8, 1903	Oct. 15, 1910
22	Phillimore, Lt.-Lieut.-Col. Reginald Henry, D.S.O., B.E.	19 6 79	June 23, 1898	June 28, 1903	Aug. 25, 1911
23	MacLeod, Major Malcolm Noyes, D.S.O., M.C., B.E.	23 5 82	May 2, 1900	Oct. 25, 1904	Mar. 18, 1912
24	Hunter, Major Frederick Fraser, D.S.O., I.A.	7 8 78	Aug. 10, 1898	Aug. 17, 1905	Sept. 9, 1912
25	† Crosthwait, Major Leland George, I.A.	29 8 81	July 28, 1900	Oct. 13, 1905	May 23, 1916
26	Conchman, Major Harold John, D.S.O., M.C., B.E.	29 7 82	Aug. 18, 1900	Jan. 30, 1906	Sept. 20, 1916
27	Trenchard, Major Oswald Henry Elsdie, B.E.	3 4 82	Feb. 4, 1901	Jan. 16, 1906	Sept. 16, 1919

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

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

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	REMARKS.
15	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 14 (Pendulum).	L. S. Pushtu; H. S.	
16	P. 1,500 0 0 (a) C. A. 200 0 0	Mesopotamian Survey Party.	H. S.; H. S. Pushtu; L. S. Persian; L. S. Burmese; Kachin, Maru; Colloquial Chinese (Yunnanese); Lisax.	
17	. . . . .	. . . . .	H. S.; L. 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 1919.
18	. . . . .	. . . . .	. . . . .	On combined leave for 1 year and 1 month from 17th September 1919.
19	P. 1,500 0 0 (a) C. A. 200 0 0	In charge No. 15 (Triangulation).	. . . . .
20	P. 1,450 0 0 (a) C. A. 200 0 0	In charge No. 5 (S. C.)	H. S.	
21	. . . . .	. . . . .	. . . . .	On privilege leave for 6 months combined with furlough for 6 months from 16th October 1919.
22	P. 1,420 0 0 (a) C. A. 200 0 0	In charge No. 9 (E. C.)	H. S.; H. S. Shan; Muddari.	
23	. . . . .	. . . . .	L. S.; L. S. Pushtu.	Temporarily reverted to military duty.
24	P. 1,300 0 0 (a) C. A. 200 0 0	Mesopotamian Survey Party.	H. S.; Colloquial Chinese; E. S. and H. S. Pushtu.	
25	P. 1,250 0 0 (a) C. A. 200 0 0	In charge No. 4 (N. C.)	H. S.	
26	P. 1,320 0 0 (a) C. A. 200 0 0	In charge No. 19 (Base Line).	L. S.; H. S. Baluch; L. S. Pushtu.	
27	P. 1,270 0 0 (a) C. A. 200 0 0 (b) L. A. 100 0 0	Head-quarters, Calcutta.	L. S.	

(a) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 314-30-2, dated 17th March 1919.
(b) Local allowance (compensatory), vide ditto ditto
C.—Has been through Chatham Course. ditto ditto

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	Hamilton, Bt.-Lieut.-Col. Sackville William Sackville, D.S.O., R.E.	3 11 82	July 23, 1901	Jan. 14, 1906	Mar. 1, 1910
29	Cotter, Major Vere Rogerson, I.A.	18 2 82	Aug. 18, 1900	Oct. 30, 1905	Mar. 1, 1910
30	Hunter, James de Graaf, M.A.	11 9 81	...	Oct. 25, 1907	Jan. 24, 1915
31	Campbell, Major James Donald, D.S.O., R.E.	3 5 84	Dec. 21, 1901	Dec. 5, 1906	Mar. 1, 1910
32	Foster, Major Rodney, I.A.	27 5 82	May 8, 1901	Dec. 12, 1906	Mar. 1, 1910
33	Morshead, Major (Temporary Lieut.-Col.) Henry T. Cole, D.S.O., R.E.	23 11 82	Dec. 21, 1901	Dec. 3, 1906	Mar. 1, 1910
34	King, Major Frank Jerome Maitland, R.E.	30 3 84	Jan. 10, 1903	Mar. 27, 1907	Mar. 1, 1910
35	Gwyn, Major Aylmer Hamond, I.A.	13 2 83	Aug. 27, 1902	Feb. 17, 1908	Mar. 1, 1910
26	Lewis, Bt.-Major Clinton Gresham, R.E.	25 11 85	Dec. 21, 1904	Nov. 7, 1907	Mar. 1, 1910
37	Thompson, Major Claude Mathew, I.A.	21 9 83	Jan. 21, 1903	Nov. 1, 1907	Mar. 1, 1910
38	Mason, Bt.-Major Kenneth, M.C., R.E.	10 9 87	Dec. 20, 1906	Aug. 29, 1909	Mar. 1, 1910
39	Scott, Major Francis Burgess, I.A.	3 3 85	Dec. 21, 1904	Apr. 12, 1910	Apr. 12, 1910
40	Perry, Capt. William Eric, M.C., R.E.	2 1 84	Mar. 16, 1905	Apr. 19, 1910	Apr. 19, 1910

† Indian Army Supernumerary List.

India, as it stood on 1st January 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	In charge No. 2 (N. C.)	L. S.	Offg. Dy. Supdt.
29	. . . . .	. . . . .	H. S.; Pushtu; Persian.	L. S. Temporarily reverted to military duty.
30	. . . . .	. . . . .	. . . . .	Mathematical Adviser. Date of commencement of service counting for pension, 25th October 1907. On privilege leave for 6 months combined with furlough for 2 months from 6th August 1919.
31	P. 1,270 0 0 (a) C. A. 200 0 0	In charge No. 7 (S. C.)	H. S.; Pushtu; Persian.	L. S. Offg. Dy. Supdt.
32	. . . . .	. . . . .	H. S.; Pushtu.	L. S. On privilege leave for 6 months combined with furlough for 6 months from 20th September 1919.
33	. . . . .	. . . . .	H. S.	Temporarily reverted to military duty.
34	P. 1,170 0 0 (a) C. A. 200 0 0	In charge No. 2 Drawing Office (Dehra) and Forest Map Office.	L. S.	Offg. Dy. Supdt.
35	P. 1,150 0 0 (a) C. A. 200 0 0 (b) L. A. 180 0 0 (c) C. H. A. 175 0 0	Head-quarters, Calcutta	H. S.; Obligatory Hindi, Field Service Test in Arabic.	Ditto.
36	P. 1,120 0 0 (a) C. A. 200 0 0	In charge No. 13 (Astronomical).	H. S.	Ditto.
37	P. 1,100 0 0 (a) C. A. 200 0 0	In charge Computing Office (Dehra).	Proficiency Hindustani; I. S. Persian; Obligatory Punjabi; H. S. Baluchi.	Ditto.
38	. . . . .	. . . . .	L. S.	On privilege leave combined with furlough for 1 year from 31st March 1919.
39	P. 1,050 0 0 (a) C. A. 200 0 0	In charge No. 12 (E. C.)	H. S.	Offg. Dy. Supdt.
40	P. 1,070 0 0 (a) C. A. 200 0 0 (b) L. A. 100 0 0 (c) C. H. A. 175 0 0	Head-quarters, Calcutta	H. S.	Ditto.

(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 ditto.
 (c) Calcutta house allowance, vide Finance Department Memorandum No. 576-Ex., dated 30th January 1911.

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—conold.					
Assistant Superintendents (29)—conold.					
41	Wanlope, Capt. Robert Stuart, I.A.	20 3 87	Aug. 29, 1906	July 4, 1910	July 4, 1910
42	Boome, Capt. Horace Eckford, M.C., B.E.	17 5 87	Dec. 18, 1907	Feb. 26, 1913	Feb. 26, 1913
43	Jackson, Capt. Lawrence Hungerford, I.A.	27 9 89	Sept. 8, 1909	Sept. 7, 1914	Sept. 7, 1914
44	Wheeler, Lt.-Major Edward Oliver, M.C., B.E.	18 4 90	June 23, 1910	Dec. 9, 1919	Dec. 9, 1919
45	Glennie, Capt. Edward Aubrey, D.S.O., B.E.	18 7 89	July 23, 1910	Dec. 20, 1919	Dec. 20, 1919
46	Vacant	.	.	.	.
47	Vacant	.	.	.	.
48	Vacant	.	.	.	.
49	Vacant	.	.	.	.
50	Vacant	.	.	.	.
51	Vacant	.	.	.	.
52	Vacant	.	.	.	.
53	Vacant	.	.	.	.
54	Vacant	.	.	.	.
55	Vacant	.	.	.	.
56	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, 1914
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Works Manager, Mathematical Instrument Office (800-20-1,000).

2	Woodhouse, Sidney	9 11 82	.	June 9, 1905	Oct. 26, 1919
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Officer in charge, No. 6 Drawing Office (Simla).

3	Arbry, 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 on deputation.

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

Serial No.	Salary.	Where employed at present.	Language qualifications, etc.	Remarks.
41	R. A. P.	.	.	.
42	P. 970 0 0	In charge No. 1 (N. C.) Trigonometrical Survey Office.	H. S.; Obligatory Pushtu; H. S. Persian.	Temporarily reverted to military duty.
43	(a) C. A. 200 0 0		H. S.; Kachin	On probation.
43	P. 800 0 0		.	Ditto.
44	P. 820 0 0	Ditto	L. S.	Ditto.
45	P. 820 0 0	Ditto	L. S.	Ditto.
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1	P. 1,160 0 0	.	.	Joined as Assistant Mathematical Instrument Maker, 17th January 1899.
2	P. 900 0 0	.	.	.
3	P. 500 0 0	}	.	On extension of service, Head Draftsman, temporarily appointed to hold charge. Date of commencement of service counting for pension, 24th May 1893.
	(b) P. A. 50 0 0		.	
	(c) C. A. 200 0 0		.	
4	P. 660 0 0	} Trigonometrical Survey Office.	.	Assistant Engineer, Eastern Bengal Railway.
	(e) A. A. 140 0 0		.	
	(d) D. A. 160 0 0		.	

(a) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 914-80-2, dated 17th March 1910.

(b) Personal allowance, vide Department of Revenue and Agriculture No. 454, dated 20th April 1915.

(c) Charge allowance (remunerative), vide Department of Revenue and Agriculture No. 10-83-3, dated 5th January 1916.

(d) Deputation allowance, vide Department of Revenue and Agriculture No. 670-03-4, dated 1st September 1919.

(e) Acting allowance.

* Also draws exchange compensation allowance.

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.

Deputy Superintendents.

Salary Rs 800 (2).

1	Hughes, Benjamin Robert	13 6 66	June 13, 1886	Oct. 15, 1883	Mar. 8, 1917
...	Smart, Aymer Boddington	27 9 65	Sept. 27, 1885	Feb. 25, 1885	. . . . .
...	Murphy, Joseph Horrocks	26 7 69	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 880 (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 Alario	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	Peters, 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 550 to Rs 600.

ASSISTANT SUPERINTENDENTS.

...	Baker, William John	18 8 66	Jan. 25, 1888	Jan. 25, 1888	. . . . .
11	Walsh, Felix Patrick	20 11 65	Nov. 20, 1886	Mar. 4, 1886	Mar. 1, 1915
12	Rae, George James Sheehan	23 11 70	Nov. 23, 1890	Nov. 19, 1890	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 January 1920.

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

1	P. (a) P. A.	800 0 0 200 0 0	In charge No. 20 (Cantonment).	L. S.; L. S. Burmese.	On deputation, Assam.
...	. . . . .	. . . . .	. . . . .	. . . . .	Ditto, Bihar and Orissa.
...	. . . . .	. . . . .	. . . . .	. . . . .	Ditto, Central Provinces.
2	P. (b) C. A.	600 0 0 200 0 0	In charge No. 4 Drawing Office (Bangalore).	H. S.	Includes previous service in Forest Department from 18th December 1888.
3	P. (b) C. A. (c) L. A.	650 0 0 200 0 0 100 0 0	In charge No. 21 (Burma Forest).	H. S. Burmese	
4	P. (b) C. A. (c) L. A.	650 0 0 200 0 0 100 0 0	In charge No. 11 (E. C.)	L. S.	
5	P. (b) C. A.	650 0 0 200 0 0	In charge No. 3 Drawing Office (Mussorie).	L. S.	
6	P. (b) C. A.	650 0 0 200 0 0	In charge No. 16 (Tidal).	L. S.; L. S. Burmese.	On privilege leave for 6 months from 10th December 1919.
7	P. (b) C. A.	650 0 0 200 0 0	In charge No. 3 (N. C.)	H. S.	
8	P. (b) C. A.	650 0 0 200 0 0	In charge No. 8 (S. C.)	. . . . .
9	P. (b) C. A. (c) L. A. (d) L. A.	650 0 0 200 0 0 100 0 0 85 0 0	In charge No. 10 (E. C.)	. . . . .
10	P. (b) C. A.	650 0 0 200 0 0	In charge No. 6 (S. C.)	H. S.	
...	. . . . .	. . . . .	. . . . .	E. S. Burmese	On deputation, Burma.
11	. . . . .	. . . . .	. . . . .	. . . . .	On privilege leave for 5 months and 20 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 1897.

(b) Charge allowance (remunerative), vide Secretary of State's Despatch No. 109, dated 1st November 1919.

(c) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 786, dated 11th February 1889 (compensatory).

(d) Local allowance (Putao), vide Department of Revenue and Agriculture No. 457-35-2, dated 19th June 1919 (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. 29, 1891	. . . . .
13	Wilson, John Henry Stanhope	10 1 71	Sept. 4, 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. 24, 1895	Mar. 1, 1918
16	Bond, Edgar Clinton James, v.D.	19 4 70	Oct. 1, 1890	Dec. 17, 1896	Mar. 1, 1918
17	Jagdamba Prasad, n.s.	1 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	Mar. 1, 1918
...	Yeale, Charles John	8 3 77	Mar. 8, 1897	Nov. 25, 1896	. . . . .
20	Hardinge, Eustace Gilbert	6 5 78	Nov. 25, 1896	Nov. 25, 1896	Mar. 1, 1918
21	Hanuman Prasad	17 7 69	Nov. 1, 1890	Nov. 15, 1896	Mar. 1, 1918
22	Dhan 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
24	Nerrill, Bernard Marie	22 10 74	Nov. 5, 1897	Nov. 5, 1897	Mar. 1, 1918
26	Ray, Pramadaranjan, n.s.	18 6 74	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918
26	Morton, Henry Percy Dee	26 10 79	Oct. 26, 1899	Nov. 13, 1898	Mar. 1, 1918
27	Fielding, Stuart Skene McA'Fee	21 1 77	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918
28	Bose, Abinash Chunder	18 11 72	Oct. 15, 1895	Oct. 16, 1895	Mar. 1, 1918
29	Kenny, Patrick Arthur Theodore	18 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 January 1920—continued.

...	7	8	9	10
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. 7 (S. C.)	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		No. 9 (E. C.)	L. S.
16	P. 550 0 0 (c) C. A. 200 0 0	} In charge No. 18 (Magnetic).	. . . . .	Includes previous service in No. 25 Party and Marine Survey from 1st October 1890 to 18th December 1896. Offg. Dy. Supdt.
17	P. 550 0 0 (c) C. A. 100 0 0 (a) P. A. 45 0 0		} Head Draftsman, No. 1 Drawing Office (Calcutta).	. . . . .	Joined as Despatcher, Photo-Zinc Section, Trigonometrical Branch Office, 10th July 1894. Previous temporary service as Computer from 17th August 1891 to 9th July 1894.
18	P. 550 0 0	No. 7 (S. C.)
19	P. 550 0 0 (c) C. A. 100 0 0	} Chief Draftsman, Forest Map Office (Dehra).	H. S.	
...	L. S. . . . .	On deputation, Thomason College, Burki.
20	P. 550 0 0 (d) L. A. 50 0 0	} No. 12 (E. C.) . . . . .	. . . . .
21	P. 550 0 0		Computing Office (Dehra)	. . . . .	Promoted from the Subordinate Service. Joined as Computer, 1st November 1890.
22	P. 500 0 0 (a) C. A. 200 0 0	} In charge Sind Sagar Party (N. C.) . . . . .	. . . . .
23	P. 500 0 0 (e) L. A. 80 0 0		} No. 21 (Burma Forest)	Kachin; Maru; Colloquial Chinese (Yunnanese).
24	P. 500 0 0	No. 3 (N. C.)		L. S.
25	P. 500 0 0 (c) C. A. 100 0 0 (d) L. A. 50 0 0	} In charge No. 5 Drawing Office (Shillong).	. . . . .	Temporarily.
26	P. 500 0 0		No. 2 (N. C.)
27	P. 500 0 0 (c) C. A. 100 0 0	} Survey Instructor	L. S. Shan	
28	P. 500 0 0 (a) P. A. 45 0 0 (b) L. A. 50 0 0		} Head-quarters, Calcutta	L. S. Burmese
29	P. 500 0 0	Waziristan Survey Party

(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 1908.

(c) Charge allowance (remunerative), vide Secretary of State's Despatch No. 100, dated 1st November 1912.

(d) Local allowance (Assam), vide Financial Resolution No. 5826, dated 25th October 1898 (compensatory).

(e) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 766, 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.

30	Norman, Sidney Frederick	29 5 78	Nov. 21, 1898	Nov. 21, 1898	Mar. 1, 1918
31	Zille Haen-in, Syed, K. S.	24 5 66	July 1, 1886	Jan. 17, 1899	Mar. 1, 1918
32	Lears, Joseph Cajetan Charles	7 2 79	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1918
33	Williams, James Harold	14 10 79	Nov. 20, 1899	Nov. 20, 1899	. . . . .
34	Hart, Oswald Joseph Hastings	24 5 80	May 24, 1900	Nov. 20, 1899	Mar. 1, 1918
35	Maya Das Puri, B.S.	5 9 77	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1918
36	Claudius, Ernest	17 3 79	Nov. 21, 1899	Nov. 21, 1899	Mar. 1, 1918
7	Simons, Henry Beaumont	23 5 79	Nov. 20, 1899	Nov. 20, 1899	Mar. 1, 1918
38	Ray, Rama Prasad, B.A.	23 6 76	Dec. 31, 1897	Nov. 15, 1900	Nov. 5, 1918
3	Morton, Vivian Walter	10 12 80	Dec. 10, 1900	Nov. 15, 1900	Mar. 1, 1918
40	West, Clement	14 3 77	Feb. 1, 1901	Feb. 1, 1901	Mar. 1, 1918
41	Aemat-ullah Khan, K.S.	31 12 88	Dec. 31, 1888	Feb. 17, 1901	Mar. 1, 1918
42	West, Ernest Barton	23 7 79	Sept. 10, 1899	Feb. 23, 1901	Mar. 1, 1918
43	Talati, Ardeahir Maneckji, L.C.S.	29 12 81	Dec. 29, 1901	Nov. 1, 1901	Mar. 1, 1918
44	Hunter, Arthur Burnie	26 7 82	July 26, 1902	Nov. 1, 1901	Mar. 1, 1918
...	Hardless, Henry Archibald, C.E., M.S.E.	25 12 79	Nov. 1, 1901	Nov. 1, 1901	. . . . .
45	Stimpson, Patrick	12 2 81	Nov. 20, 1901	Nov. 20, 1901	Mar. 1, 1918

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

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

30	P. 500 0 0	No. 8 (S. C.) . . . . .	. . . . .
31	P. 500 0 0 (a) C. A. 100 0 0	In charge No. 16 (Tidal). . . . .	. . . . .	Promoted from the Subordinate Service. Joined as writer, 1st July 1896. Qualified in the Provincial Service Examination, 1898.
32	P. 500 0 0	Sind Sagar Party (N. C.) . . . . .	. . . . .
33	. . . . .	. . . . .	. . . . .	On deputation to military duty.
34	P. 500 0 0 (b) L. A. 80 0 0	No. 11 (E. C.) . . . . .	. . . . .
35	P. 500 0 0 (a) C. A. 100 0 0	In charge No. 22 (River-rain). . . . .	. . . . .
36	P. 500 0 0 (c) L. A. 50 0 0	Eastern Circle Office	H. S.	
37	P. 500 0 0	No. 5 (S. C.) . . . . .	. . . . .
38	P. 500 0 0	No. 2 Drawing Office (Debra). . . . .	. . . . .	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.
39	P. 450 0 0	Mesopotamian Survey Party	L. S. Shan	
40	P. 450 0 0	Mesopotamian Survey Party	L. S.	
41	P. 450 0 0 (d) P. A. 30 0 0 (e) L. A. 50 0 0	Head-quarters, Calcutta . . . . .	. . . . .	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 1st November 1898.
42	P. 450 0 0 (f) C. A. 50 0 0	In charge North-East Persia Survey Detachment . . . . .	. . . . .	Joined as Draftsman, Drawing Office, Calcutta, 10th September 1898.
43	P. 450 0 0	No. 1 (N. C.) . . . . .	. . . . .
44	P. 450 0 0 (d) P. A. 30 0 0 (e) L. A. 50 0 0	Head-quarters, Calcutta . . . . .	. . . . .
...	. . . . .	. . . . .	. . . . .	On deputation, Burma.
45	P. 450 0 0 (d) P. A. 30 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. 766, dated 11th February 1899 (compensatory).
 (c) Local allowance (Assam), vide Financial Resolution No. 5226, 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.
 (f) Charge allowance (remunerative), vide Secretary of State's Despatch No. 121 (Fin.), dated 7th May 1885.

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.

46	Meyer, Ernest Alexander	11 10 80	Feb. 1, 1902	Feb. 1, 1902	Mar. 1, 1918
47	Mazumdar, Nikunjo Ronjon	4 4 80	Nov. 1, 1902	Nov. 1, 1902	Mar. 1, 1918
48	Sauvolle, Raphael Edward	8 12 81	Nov. 1, 1902	Nov. 1, 1902	Mar. 1, 1918
49	Kenny, Ernest Michael	19 1 83	Jan. 19, 1903	Nov. 1, 1902	Mar. 1, 1918
50	Newland, Bertie Clifford	22 2 81	Nov. 15, 1902	Nov. 15, 1902	Mar. 1, 1918
51	O'Sullivan, Edmond Charles, D.C.M.	17 9 81	Feb. 1, 1903	Feb. 1, 1903	Mar. 1, 1918
52	Sar, Priya Nath	18 2 80	Nov. 1, 1903	Nov. 1, 1903	Nov. 1, 1918
53	Pushong, Oscar Newman	27 1 85	Jan. 27, 1905	Nov. 1, 1903	Nov. 1, 1918
54	Tresham, Cecil Henry	3 4 84	Apr. 3, 1904	Nov. 1, 1903	. . . . .
55	Abdul Rahim, Haji, K.B.	15 8 68	Aug. 15, 1888	Dec. 1, 1903	Dec. 1, 1918
56	Bennick, Denis Kingston	26 4 84	Apr. 25, 1904	Jan. 4, 1904	Jan. 4, 1910
...	Swiney, Walter Earle Sidney	25 1 81	Nov. 1, 1901	Nov. 1, 1901	. . . . .
57	Fitz-Gibbon, Leonard Barton	26 2 1	Sept. 1, 1904	Sept. 1, 1904	. . . . .
58	Luxe, Douglas Henry	16 9 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
59	Williams, Louis	20 10 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
60	McCracken, John, M.B.S.	24 8 84	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
61	Pflicher, Frederick Charles	9 6 85	June 9, 1905	Sept. 1, 1904	Aug. 1, 1910
62	Mitra, Amar Krishna	17 8 80	Oct. 15, 1904	Oct. 15, 1904	Aug. 1, 1918

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

...	7	8	9	10
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
46	P. . . . 450 0 0	No. 6 (S. C.) . . . . .	. . . . .
47	P. . . . 450 0 0	No. 18 (Magnetic) . . . . .	. . . . .
48	P. . . . 450 0 0	No. 6 Drawing Office (Simla). . . . .	. . . . .
49	P. . . . 450 0 0 (a) L. A. . . . 50 0 0	} No. 11 (E. C.) . . . . .	. . . . .
50	P. . . . 450 0 0		Mesopotamian Survey Party	
51	P. . . . 450 0 0	Ditto . . . . .	. . . . .
52	P. . . . 450 0 0 (b) L. A. . . . 50 0 0 (c) P. A. . . . 30 0 0	} Head-quarters, Calcutta . . . . .	. . . . .
53	P. . . . 450 0 0		No. 17 (Levelling)
54	. . . . .	. . . . .	. . . . .	On leave.
55	P. . . . 450 0 0	No. 7 (S. C.) . . . . .	. . . . .	Promoted from the Subordinate Service. Joined as Sub-Surveyor, 16th August 1899.
56	P. . . . 450 0 0	North-East Persia Survey Detachment.	H. S. Pashto, H. S., H. S. Persian.	
...	. . . . .	. . . . .	. . . . .	On deputation, Burma.
57	. . . . .	. . . . .	. . . . .	Previous temporary service in Cadastral Establishment. On deputation under Civil Commissioner, Baghdad (Mesopotamia).
58	P. . . . 400 0 0 (d) C. A. . . . 50 0 0	} No. 16 (Tidal) . . . . .	. . . . .
59	P. . . . 400 0 0		North-East Persia Survey Detachment.	H. S.
60	P. . . . 400 0 0	No. 2 Drawing Office (Dehra)	. . . . .
61	P. . . . 400 0 0	No. 5 (S. C.) . . . . .	. . . . .
62	P. . . . 400 0 0	No. 9 (E. C.) . . . . .	. . . . .

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 758, dated 11th February 1908 (compensatory).
 (b) Ditto (compensatory), vide Secretary of State's Despatch No. 170 (Revenue), dated 11th December 1903.
 (c) Presidency allowance, vide Financial Resolution No. 704, dated 23rd February 1900.
 (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.	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.					
63	Johnson, James Henry	13 9 84	Sept. 13, 1904	Sept. 1, 1904	Aug. 1, 1918
64	Mubadeva Mudallar, Madras, M.A. . . .	24 10 84	Nov. 1, 1904	Nov. 1, 1904	Aug. 1, 1918
65	Graham, Albert Altken	15 12 85	Dec. 15, 1905	Nov. 1, 1904	Aug. 1, 1918
66	Hanson, Ronald Clarence	27 5 83	Nov. 1, 1904	Nov. 1, 1904	Aug. 1, 1918
67	Drake, Arthur John Alexander, D.C.M. . . .	29 3 85	Mar. 29, 1905	Nov. 14, 1904	Aug. 1, 1918
68	Grant, Francis Herbert	10 8 85	Aug. 10, 1905	Nov. 14, 1904	Aug. 1, 1918
69	Kitchen, Thomas Francis	2 3 81	Sept. 1, 1904	Sept. 1, 1904	Aug. 1, 1918
70	Kitchen, Frederick Bernard	9 10 84	June 1, 1905	June 1, 1905	Aug. 1, 1918
71	Munshi Lal, B.A.	22 3 82	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1918
72	Picard, Cecil Osmond	6 10 86	Oct. 6, 1906	Nov. 1, 1905	Oct. 1, 1919*
73	Hughe, Henry Thomas	24 8 86	Aug. 24, 1906	Nov. 1, 1905	Aug. 1, 1918
74	Mitra, Prafulla Chandra, B.A.	16 1 83	Nov. 1, 1906	Nov. 1, 1905	Aug. 1, 1918
75	Raj Bahadur Mathur, B.A.	18 6 83	Nov. 1, 1905	Nov. 1, 1905	Aug. 1, 1918
76	Wainright, Victor Paul	19 1 85	Nov. 1, 1906	Nov. 1, 1905	. . . .
77	Butterfield, Henry Harold Prout	23 7 86	July 23, 1906	Nov. 1, 1905	Nov. 9, 1918
78	Norman, Gerard Austin	25 6 83	Dec. 1, 1905	Dec. 1, 1905	Nov. 9, 1918
79	Cooper, Gilbert Edward Boutiliff	24 8 85	Dec. 4, 1905	Dec. 4, 1905	Nov. 9, 1918
80	Miller, William James Burns	22 12 83	Dec. 4, 1905	Dec. 4, 1905	. . . .

* Date of reduction.

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

...	7	8	9	10	
Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.	
<i>R. S. P.</i>					
63	P. . . . 400 0 0	No. 3 (N. C.)		
64	P. . . . 400 0 0	No. 8 (S. C.)		
65	P. . . . 400 0 0	No. 3 Drawing Office (Mussoorie).		
66	P. . . . 400 0 0	No. 1 (N. C.)		
67	P. . . . 400 0 0	No. 6 Drawing Office (Simla).		
68	P. . . . 400 0 0 (a) C. A. . . . 50 0 0	} In charge South-West Persia Survey Detachment.		
69	P. . . . 400 0 0		Forest Map Office	Previous temporary service in Central Establishment.	
70	P. . . . 400 0 0	Mesopotamian Survey Party	H. S. . . .		
71	P. . . . 400 0 0	No. 6 (S. C.)		
72	P. . . . 360 0 0 (b) L. A. . . . 80 0 0	} No. 21 (Burma Forest)		
73	P. . . . 400 0 0 (b) L. A. . . . 80 0 0		} No. 11 (E. C.)	
74	P. . . . 400 0 0 (c) L. A. . . . 50 0 0	} No. 12 (E. C.)		
75	P. . . . 400 0 0		No. 18 (Magnetic)	
76	. . . . .	. . . . .	. . . . .	On deputation to military duty.
77	P. . . . 400 0 0 (d) L. A. . . . 50 0 0 (e) P. A. . . . 30 0 0	} Head-quarters, Calcutta		
78	P. . . . 400 0 0 (a) C. A. . . . 50 0 0		} In charge Birjand Survey Detachment.	
79	P. . . . 400 0 0			No. 3 (N. C.)
80	. . . . .	. . . . .	. . . . .	On deputation to military duty.

(a) Charge allowance (remunerative), vide Secretary of State's Despatch No. 121 (Finance), dated 7th May 1885.
 (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. 5626, dated 25th October 1888 (compensatory).
 (d) Local allowance (compensatory), vide Secretary of State's Despatch No. 179 (Revenue), dated 14th December 1903.
 (e) Presidency allowance, vide Financial Resolution No. 704, dated 22nd February 1886.

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.

81	Saint, Frederick Charles	28 4 87	Aug. 24, 1907	Dec. 1, 1905	. . . . .
82	Smith, Frederick William	7 8 85	Nov. 1, 1905	Nov. 1, 1905	Nov. 9, 1918
83	Wyatt, Bertram Thomas	8 12 86	Dec. 8, 1906	Nov. 9, 1906	Nov. 9, 1918
84	Gildea, Richard Bryan	19 7 87	July 17, 1907	Nov. 9, 1906	. . . . .
85	McInnes, Colin Stewart	3 10 86	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1918
86	Gaessa Aiyar, Mayaveram Sundrappa	10 1 83	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1918
87	Calvert, Frank Ernest Rivers	9 2 85	Nov. 9, 1906	Nov. 9, 1906	. . . . .
88	Strong, William Henry, M.B.E.	28 3 87	Mar. 28, 1907	Nov. 9, 1906	Nov. 9, 1918
89	Abdul Karim, B.A.	28 9 84	Nov. 9, 1906	Nov. 9, 1906	Nov. 9, 1918
90	Grice, Francis Joslyn	20 12 87	Dec. 20, 1907	Nov. 9, 1906	Nov. 9, 1918
91	Sexton, Cecil Bernard	23 7 89	July 23, 1909	Nov. 1, 1907	Nov. 1, 1919
92	Booth, Albert Joseph	10 7 89	July 10, 1909	Nov. 1, 1907	. . . . .
93	Pollett, John Charles St. Clair	6 9 87	Nov. 1, 1907	Nov. 1, 1907	Nov. 1, 1919
94	Wyatt, Randolph Maurice	24 7 88	Nov. 2, 1908	Nov. 2, 1908	. . . . .
95	Gopalachari, Kovil-vanni Saravapaul, B.A.	23 11 84	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1914
96	Jackson, Oscar Douglas	18 1 88	Nov. 2, 1908	Nov. 2, 1908	Nov. 2, 1917
97	Fitzpatrick, Joseph O'Connor	19 3 87	Nov. 20, 1908	Nov. 20, 1908	. . . . .
98	Jlyn Lal Sahgal	19 2 89	Feb. 19, 1909	Nov. 2, 1908	Nov. 2, 1917
99	Moqimuddin	20 5 90	May 20, 1910	Nov. 1, 1909	Nov. 1, 1918

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

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
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Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
81	. . . . .	. . . . .	. . . . .	On deputation to military duty.
82	P. . . . 400 0 0	No. 5 (S. C.) . . . . .	. . . . .
83	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
84	. . . . .	. . . . .	. . . . .	On deputation to military duty.
85	P. . . . 400 0 0	No. 15 (Triangulation) . . . . .	. . . . .
86	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
87	. . . . .	. . . . .	. . . . .	On deputation to military duty.
88	P. . . . 400 0 0	No. 3 (N. C.) . . . . .	. . . . .
89	P. . . . 400 0 0	Sind Sagar Party (N. C.) . . . . .	. . . . .
90	P. . . . 400 0 0	Waziristan Survey Party . . . . .	. . . . .
91	P. . . . 400 0 0 (a) L. A. . . . 80 0 0	} No. 21 (Burma Forest) . . . . .	. . . . .
92	. . . . .		. . . . .	On privilege leave for 5 months and 2 days combined with furlough for 20 days from 23rd July 1919.
93	P. . . . 400 0 0	No. 8 (S. C.) . . . . .	. . . . .
94	. . . . .	. . . . .	. . . . .	On deputation to military duty.
95	P. . . . 300 0 0	No. 17 (Levelling) . . . . .	. . . . .
96	P. . . . 350 0 0	No. 20 (Cantonment) . . . . .	. . . . .
97	. . . . .	. . . . .	. . . . .	On deputation to military duty.
98	P. . . . 350 0 0 (b) L. A. . . . 50 0 0 (c) P. A. . . . 30 0 0	} Head-quarters, Calcutta . . . . .	. . . . .
99	P. . . . 350 0 0		No. 3 (N. C.)

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 750, dated 11th February 1889 (compensatory).

(b) Local allowance (compensatory), vide Secretary of State's Despatch No. 170 (Revenue), dated 11th December 1908.

(c) 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.

Extra Assistant Superintendents—concl.

100	Creed, Harold Henry	29 7 80	July 29, 1910	Nov. 1, 1909	Nov. 1, 1918
101	Calvert, John Alfred	27 12 89	Dec. 27, 1909	Nov. 1, 1909	Nov. 1, 1918
102	Dickson, Allan Vere	23 1 91	Jan. 23, 1911	Nov. 1, 1910	Nov. 1, 1919
103	Chuckerbutty, Narendra Nath, L.C.S.	29 3 89	Nov. 1, 1910	Nov. 1, 1910	Nov. 1, 1919
104	Murphy, Allan Francis	25 10 91	Oct. 25, 1911	Nov. 1, 1910	Nov. 1, 1919
105	Banerjee, Dharendra Nath, L.C.S.	25 12 88	Nov. 1, 1910	Nov. 1, 1910	Nov. 1, 1919
106	Dani Chand Pari	6 11 90	Nov. 1, 1911	Nov. 1, 1911	Dec. 25, 1919
107	Harbans Iyer, Narani Sivarama . . .	13 12 90	Nov. 1, 1911	Nov. 1, 1911	Nov. 1, 1917

Probationers.

1	Ghosh, Prafulla Kumar, B.Sc.	1 2 87	Oct. 6, 1919	Oct. 6, 1919	Oct. 6, 1919
2	Saha, Bhupendra 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	Nov. 2, 1920	Oct. 7, 1919	Oct. 7, 1919

SPECIAL APPOINTMENTS (OUTSIDE THE PROVINCIAL SERVICE)

1	Gastaud, Michael	8 2 62	. . . . .	. . . . .	. . . . .
2	Shaw, Henry George	21 2 62	. . . . .	. . . . .	. . . . .
3	Ewing, Arthur	30 4 62	. . . . .	. . . . .	. . . . .

* Date of reinstatement.

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

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
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R a p.						
100	P. 350 0 0 (a) L. A. 80 0 0 (b) L. A. 65 0 0	No. 10 (E. C.)		
101	P. 350 0 0				Waziristan Survey Party
102	P. 350 0 0 (a) L. A. 80 0 0				No. 11 (E. C.)	Kachin
103	P. 350 0 0	No. 17 (Levelling)		
104	P. 350 0 0	Mesopotamian Survey Party		
105	P. 350 0 0 (a) L. A. 80 0 0 (b) L. A. 65 0 0	No. 10 (E. C.)		
106	P. 300 0 0				No. 2 (N. C.)
107	P. 300 0 0	No. 6 (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 8th March 1917.
2	P. 350 0 0*	In charge No. 17 (Levelling)	. . . . .	Retired: in temporary employ from 21st February 1917.
3	P. 250 0 0†	Trigonometrical Survey Office.	. . . . .	Retired: in temporary employ from 10th November 1910.

(a) Local allowance (Upper Burma), vide Department of Finance and Commerce No. 756, dated 11th February 1909 (compensatory).

(b) Local allowance (Putao), vide Department of Revenue and Agriculture No. 457-85-2, dated 10th June 1909 (compensatory).

* Also draws pension of Rs 410-10-8 per mensem in addition to pay, vide Department of Revenue and Agriculture No. 248-13-8, dated 2nd April 1917.

† Also draws pension of Rs 418-10-8 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.	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.

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
...	Shor Jang, K.B.*	15 3 70	Oct. 1, 1896	Aug. 1, 1909	. . . . .
2	Ram Singh, B.S.*	1 7 71	July 1, 1891	Aug. 1, 1909	Aug. 1, 1918
3	Ek Nath Dattu*	1 7 63	Jan. 1, 1885	Aug. 1, 1909	Aug. 1, 1918
4	Dharma*	1 7 67	Dec. 1, 1888	Jan. 1, 1910	Jan. 1, 1919
5	Dalbir Rai*	4 8 65	Dec. 8, 1889	Jan. 1, 1910	Jan. 1, 1919
6	Hayat Muhammad, K.S.*	15 9 74	May 1, 1896	Jan. 1, 1910	Jan. 1, 1919
7	Das, Karana Kumar, B.A.	25 7 74	July 19, 1898	Apr. 1, 1910	Apr. 1, 1919
8	Shome, Didhu Bhusan	9 11 82	July 13, 1904	Apr. 1, 1910	Apr. 1, 1919
9	Narayana Rao, Benne Vasudeviah*	1 7 70	July 1, 1892	Aug. 1, 1910	Jan. 1, 1920
10	Nanak Chand Pari, B.A., B.S.	24 12 85	Dec. 10, 1909	Dec. 10, 1909	Dec. 10, 1917
11	Chuni Lal Kapur	20 10 88	Apr. 1, 1910	Apr. 1, 1910	Apr. 1, 1918
12	Paras Ram*	1 7 71	July 1, 1891	July 1, 1912	July 1, 1918
13	Jamma Prasad, B.S.*	14 10 72	June 1, 1903	July 1, 1912	. . . . .
14	Jugal Behari Lal	11 9 89	Apr. 1, 1910	Apr. 1, 1910	July 1, 1918
15	Ram Narayan Hastir	21 4 89	Apr. 1, 1910	Apr. 1, 1910	July 1, 1918
16	Mandanna, Kodandera Ganpathy	29 4 88	Apr. 1, 1910	Apr. 1, 1910	July 1, 1918
17	Muhammad Husain Khan	16 6 80	June 11, 1910	June 14, 1910	July 1, 1918
18	Narayanaswami Chetti, Kodattil*	22 1 71	Aug. 1, 1892	Aug. 1, 1913	Aug. 1, 1919
19	Venguswami, Periyakottai Sundaram	4 1 91	Apr. 16, 1912	Apr. 16, 1912	Apr. 16, 1917
20	Muhammad Husain*	1 7 81	Mar. 1, 1901	June 1, 1914	June 1, 1917

* Promoted from the Lower Subordinate Service.

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

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

1	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 1901.
2	P.	140	0	0	No. 2 Drawing Office (Dehra). . . . .	. . . . .	Joined as Pupil on 13th March 1901.
3	P.	125	0	0	No. 7 (S. C.) . . . . .	. . . . .	Joined as Computer on 1st January 1895. Extension of service for 1 year from 1st July 1910.
4	P.	125	0	0	No. 20 (Cantonment) . . . . .	. . . . .	Joined as Sub-Surveyor on 1st December 1888.
5	P.	125	0	0	} Eastern Circle Office . . . . .	. . . . .	Joined as Sub-Surveyor on 8th December 1890.
(a)	L. A.	40	0	0			
6	P.	125	0	0	Mesopotamian Survey Party	Kachin	Joined as Apprentice Sub-Surveyor on 1st May 1906.
7	P.	125	0	0	No. 17 (Levelling) . . . . .	. . . . .	Joined as Computer on 19th July 1898.
8	P.	125	0	0	No. 18 (Magnetic) . . . . .	. . . . .	Joined as Copyist on 13th July 1904.
9	P.	140	0	0	Southern Circle Office . . . . .	. . . . .	Joined as Apprentice Sub-Surveyor on 1st July 1892.
10	P.	110	0	0	Mesopotamian Survey Party . . . . .	. . . . .
11	P.	110	0	0	Shad Sagar Party (N. . . . .)	. . . . .
12	P.	110	0	0	No. 3 (N. C.) . . . . .	. . . . .	Joined as Sub-Surveyor on 1st July 1891.
13	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	Joined as Sub-Surveyor on 1st June 1893. Privilege leave for 5 months and 6 days combined with furlough for 1 year from 1st October 1919.
14	P.	110	0	0	No. 2 Drawing Office (Dehra). . . . .	. . . . .
15	P.	110	0	0	No. 22 (Riverain) . . . . .	. . . . .
16	P.	110	0	0	No. 6 (S. C.) . . . . .	. . . . .
17	P.	110	0	0	Waziristan Survey Party . . . . .	. . . . .
18	P.	110	0	0	No. 8 (S. C.) . . . . .	. . . . .	Joined as Sub-Surveyor on 1st August 1892.
19	P.	95	0	0	No. 5 (S. C.) . . . . .	. . . . .
20	P.	95	0	0	No. 2 (N. C.) . . . . .	. . . . .	Joined as Apprentice Sub-Surveyor on 1st March 1901.

(a) Local allowance (Assam), vide Financial Resolution No. 5820, dated 25th October 1888 (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.

21	Damodar Khadilkar *	1 7 68	Sept. 1, 1889	July 1, 1914	July 1, 1917
22	Dhirendra Nath Saha	3 1 89	Mar. 23, 1907	Oct. 20, 1914	Oct. 20, 1917
23	Shib Lal, C.H.*	18 6 73	Nov. 1, 1898	July 1, 1915	July 1, 1918
24	Imam Din*	1 7 77	Apl. 8, 1901	July 1, 1915	July 1, 1918
25	Ram Prasad, B.A., C.H.*	6 7 80	July 6, 1900	July 1, 1915	July 1, 1918
26	Hamid Gul, K.S., C.H.*	14 4 80	Apl. 14, 1898	July 1, 1915	July 1, 1918
27	Mukerjee, Satish Chandra	24 12 89	Apl. 9, 1912	Aug. 1, 1913	Aug. 1, 1914
28	Narasimhamurti Rao, Haldodderi	15 2 92	Aug. 11, 1913	Aug. 11, 1913	Aug. 11, 1918
29	Lakshmi Dutt Joshi	13 11 91	June 14, 1912	Aug. 1, 1913	Aug. 1, 1918
30	Vidya Dhar Chopra	12 11 92	Aug. 1, 1913	Aug. 1, 1913	Aug. 1, 1918
31	Nabidat Khan *	30 1 81	Dec. 15, 1902	Sept. 1, 1915	Sept. 1, 1918
32	Shaikh Muhammad Salik, C.H.*	1 7 70	Nov. 1, 1892	July 1, 1916	July 1, 1919
33	Masud Khan *	17 7 67	Mar. 1, 1891	July 1, 1916	July 1, 1919
34	Jagdeesh Prasad Vastav	18 7 95	July 18, 1915	Oct. 15, 1914	Oct. 15, 1919
35	Natesan, Edayattumangalam Narayana, B.A.	30 9 89	Jan. 8, 1912	Sept. 22, 1914	Sept. 22, 1919
36	Boy, Pullin Behari	26 2 93	Aug. 28, 1914	Aug. 28, 1914	Aug. 28, 1919
37	Ghulam Hasan	6 8 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
38	Ghosh, Amulya Charan	5 10 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
39	Sen Gupta, Pratal Chandra, B.Sc.	15 6 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
40	Mitra, Gopal	3 8 92	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919

* Promoted from the Lower Subordinate Service.

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

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
21	P. 95 0 0	No. 5 (S. C.)		Joined as Apprentice Sub-Surveyor on 1st September 1899.
22	P. 95 0 0 (a) L. A. 50 0 0 (b) L. A. 47 8 0	No. 10 (E. C.)	Kachin	Joined as Computer on 23rd March 1907.
23	P. 95 0 0	Waziristan Survey Party		Joined as Sub-Surveyor on 29th February 1899. Temporary service since 20th February 1899 with a break of 3 months in 1898.
24	P. 95 0 0	No. 3 Drawing Office (Mussoorie).		Joined as Sub-Surveyor on 8th April 1901.
25	P. 95 0 0 (a) L. A. 50 0 0 (b) L. A. 47 8 0	No. 10 (E. C.)	Kachin; Mera	Joined as Sub-Surveyor on 8th November 1899.
26	P. 95 0 0	Mesopotamian Survey Party		Unattached List, 2nd Punjab.
27	P. 95 0 0	No. 17 (Levelling)		Joined as Computer on 6th April 1912.
28	P. 95 0 0	No. 8 (S. C.)		
29	P. 95 0 0	No. 2 (N. C.)		Joined as Computer on 14th June 1912.
30	P. 95 0 0	No. 22 (Riverain)		
31	P. 95 0 0	Sind Sagar Party (N. C.)		Joined as Sub-Surveyor on 15th December 1902.
32	P. 93 0 0	No. 8 (S. C.)		Joined as Sub-Surveyor on 1st November 1892.
33	P. 95 0 0	No. 6 (S. C.)		Joined as Sub-Surveyor on 1st March 1891.
34	P. 95 0 0	No. 1 (N. C.)		
35	P. 95 0 0	No. 6 (S. C.)		Previous service in the Madras Government Educational Department from 8th January 1912.
36	P. 95 0 0	No. 5 (S. C.)		
37	P. 95 0 0	No. 2 (N. C.)		
38	P. 95 0 0	No. 9 (E. C.)		
39	P. 95 0 0 (a) L. A. 50 0 0	No. 11 (E. C.)		
40	P. 80 0 0	No. 9 (E. C.)		

(a) Local allowance (Burma), vide Department of Revenue and Agriculture No. 240—31-2, dated 2nd March 1910 (compensatory).
(b) Local allowance (Patna), vide Department of Revenue and Agriculture No. 457—35-2, dated 19th June 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—conold.					
41	Amir Abdal Salam Matlub Ahmad	25 9 80	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
42	Bagehl, Girijsa Sonker	3 12 84	Dec. 3, 1914	Oct. 15, 1914	Oct. 15, 1919
43	Mukerji, Jitendra Mohan	21 9 82	Sept. 2, 1914	Sept. 2, 1914	Sept. 2, 1919
44	Daulat Ram Vohra	4 4 93	Oct. 15, 1914	Oct. 15, 1914	Oct. 15, 1919
45	Bhamba Ram, C.H.*	25 12 78	Dec. 25, 1898	Jan. 1, 1917	Jan. 1, 1920
46	Ghosh, Annada Prasad*	1 4 73	Apl. 1, 1893	Aug. 1, 1917	Aug. 1, 1917
47	Lalitan Khan, C.H.*	11 2 80	Feb. 11, 1899	Aug. 1, 1917	Aug. 1, 1917
48	Afraz Gul Khan	20 3 89	May 1, 1907	Oct. 1, 1916	Oct. 1, 1919
49	Muhammad Khan*	1 7 71	Jan. 1, 1894	Dec. 5, 1918	Apl. 1 1919
50	Abdul Latif Khan	15 4 88	Apl. 15, 1908	July 1, 1919	July 1, 1919
51	Baldeo Bihari Lal	16 11 79	Nov. 17, 1899	Sept. 1, 1919	Sept. 1, 1919
52	Sadik Ali	16 5 81	July 19, 1901	Oct. 1, 1919	Oct. 1, 1919
53	Mukerjee, Sasadhar	28 9 97	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
54	Mukerjee, Dishnu Charan	14 8 98	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
55	Sen Gupta, Abinas Chandra	23 9 97	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
56	Soor, Narendra Nath	9 2 98	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
57	Cabral, Joseph Anthony	6 2 01	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
58	Sircar, Prasannakumar	1 7 99	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
59	Narasingh Dass Joshi	1 7 97	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919
60	Chakravorty, Jitendra Nath	1 3 97	Oct. 15, 1919	Oct. 15, 1919	Oct. 15, 1919

SPECIAL APPOINTMENT (OUTSIDE THE UPPER SUBORDINATE SERVICE).

1	Lal Singh, S.B.	1 7 63			
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* Promoted from the Lower Subordinate Service.

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

Serial No.	Salary.	Where employed at present.	Language qualifications.	REMARKS.
<i>a o. p.</i>				
41	P. 95 0 0	No. 3 (N. C.)		
42	P. 95 0 0 (a) L. A. 40 0 0	No. 12 (E. C.)		
43	P. 95 0 0		No. 20 (Cantonment)	
44	P. 95 0 0	No. 2 (N. C.)		
45	P. 95 0 0 (b) L. A. 50 0 0	No. 21 (Burma Forest)		Joined as Sub-Surveyor on 16th October 1897.
46	P. 80 0 0		Mesopotamian Survey Party . . . . .		Joined as Computer on 26th April 1902.
47	P. 80 0 0	No. 2 (N. C.)		Unattached List, Guides Infantry.
48	P. 80 0 0	Birjand Survey Detachment		Previous service in the Khyber Rifles from 1st May 1907.
49	P. 95 0 0	No. 1 (N. C.)		Joined as Surveyor on 1st January 1894.
50	P. 80 0 0	Mesopotamian Survey Party		Joined as Surveyor on 10th April 1907.
51	P. 80 0 0	Forest Map Office		Joined as Computer on 17th November 1900.
52	P. 95 0 0	Waziristan Survey Party		Joined as clerk on 19th July 1901. Previous service in the Forest Department from 19th July 1901 to 14th August 1902.
53	P. 50 0 0	No. 7 (S. C.)		(Under instruction.)
54	P. 50 0 0	Ditto		Ditto.
55	P. 50 0 0	Ditto		Ditto.
56	P. 50 0 0	Ditto		Ditto.
57	P. 50 0 0	Ditto		Ditto.
58	P. 50 0 0	Ditto		Ditto.
59	P. 50 0 0	Ditto		Ditto.
60	P. 50 0 0	Ditto		Ditto.

1	P. 100 0 0*	No. 2 Drawing Office (Dehra)		Retired: in temporary employ from 4th August 1910.
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(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).
 *In addition to pension.

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

NAMES OF OFFICES AND SECTIONS.	Nature of work.	Officer in charge.
Head-Quarters, Calcutta.		
Surveyor General's Office	Accounts, Correspondence, etc.	Capt. W. E. Perry, M.O., B.E.
Superintendent's Office. <i>Administrative.</i>	Accounts, Correspondence, etc.	Supdt., Map Publication.
No. 1 Drawing Office <i>Technical.</i>	Mapping and Compiling	} Major O. H. B. Trenchard, B.E.
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 O. H. B. Trenchard, B.E.
Mathematical Instrument Office	Receipt, Issue, Manufacture and Repair of Instruments.	T. A. Ferrier, C.B.E.
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, B.E.
Photo-Zincographic Section	Reproduction of maps	
Forest Map Office	Reduction of Geodetic operations	} Major C. M. Thompson, I.A.
Computing Office	Type Printing	
Printing Section	Printing	
Store, Workshops and Observatory Sections	Printing	
Solar Photographic Section	Solar Photography	
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	Training	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	Pramadranjan Ray, B.E.

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

No. of Party or Office.	Locale of Operations.	Residence 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	Maymye	Ditto	Ditto.
" 11	Ditto	Ditto	Ditto	Ditto.
" 12	Ditto	Shillong	Ditto	Ditto.
" 13	India	Mussoorie	Astronomical	Supdt. of Trig. Survey.
" 14	Ditto	Ditto	Fendulum	Ditto.
" 15	Ditto	Ditto	Triangulation	Ditto.
" 16	Ditto	Dehra Dun	Tidal	Ditto.
" 17	Ditto	Mussoorie	Levelling	Ditto.
" 18	Ditto	Ditto	Magnetic	Ditto.
" 19	Ditto	Ditto	Base Line	Ditto.
" 20	Ditto	Secunderabad	Cantonment	Supdt., Southern Circle.
" 21 (Burma Forest)	E. Circle	Maymye	Forests	Supdt., Eastern Circle.
" 22 (Riverain)	N. Circle	Lahore	Special	Supdt., Northern Circle.
Sind Sagar 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.
Waziristan Survey Party.	North-West Frontier. . . . .	. . . . .	Ditto	Supdt., Northern Circle.
Birjand Survey Detachment.	Birjand . . . . .	. . . . .	Ditto	Ditto.
North-East Persia Survey Detachment. . . . .	. . . . .	Mussoorie	Ditto	Ditto.
South-West Persia Survey Detachment.	South-West Persia . . . . .	. . . . .	Ditto	Supdt., Southern Circle.

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

Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Govt. or Dept. to which transferred.	Date of deputation.	REMARKS.
Temporarily reverted to Military duty.					
<i>Major M. N. MacLeod,</i> D.S.O., M.C., R.E.		D. Sup. . . .		Apl. 13, 15	
<i>Major V. R. Colter, I.A.</i>		A. Sup. . . .		Nov. 27, 14	
<i>Major (Temp. Lieut.-Col.)</i> <i>H. T. Morshead, D.S.O.,</i> R.E.		A. Sup. . . .		Oct. 20, 14	
<i>Capt. B. S. Wauchops, I.A.</i>		A. Sup. . . .		Nov. 29, 14	

List of Officers of the Survey of India temporarily transferred,
1st January 1920—concluded.

Officers of the Imperial Service.	Officers of the Provincial and Upper Subordinate Services.	Class.	Govt. or Dept. to which transferred.	Date of deputation.	REMARKS.
Provincial Service.					
	<i>A. B. Smart</i>	D. Sup. . . .	Assam . . .	Apl. 1, 12	} Sept. 6, 10† Apl. 1, 12 Oct. 3, 06† Oct. 1, 08
	<i>J. H. Murphy</i>	D. Sup. . . .	Bihar and Orissa . . .		
	<i>C. H. G. John-</i> <i>son,</i> <i>F. J. Baker</i>	D. Sup. . . . A. Sup. . . .	Central Provinces . . .		
	<i>H. B. Powell</i>	E. A. Sup. . . .	Ditto . . .	Nov. 20, 95	
	<i>H. A. Hardless</i>	E. A. Sup. . . .	Ditto . . .	Nov. 1, 09	
	<i>W. E. S. Swinoy</i>	E. A. Sup. . . .	Ditto . . .	Sept. 28, 11	
	<i>C. J. Vesle</i>	E. A. Sup. . . .	Thomason College, Burki.	Oct. 16, 09	
	<i>L. B. Fitz-</i> <i>gibbon,</i>	E. A. Sup. . . .	Civil Commissioner, Baghdad (Meso- potamia).	Dec. 12, 19	
Upper Subordinate Service.					
	<i>Sher Jung, K.B.</i>	S. A. S. . . .	Civil Commissioner, Baghdad (Meso- potamia).	Jan. 1, 19	
On deputation to Military duty.					
	<i>J. H. Williams</i>	E. A. Sup. . . .		Oct. 1, 15	
	<i>V. P. Wainwright</i>	E. A. Sup. . . .		June 19, 15	
	<i>W. J. B. Miller</i>	E. A. Sup. . . .		Oct. 27, 15	
	<i>F. C. Saint</i>	E. A. Sup. . . .		July 26, 16	
	<i>R. B. Gildea</i>	E. A. Sup. . . .		May 26, 15	
	<i>F. E. R. Calvert</i>	E. A. Sup. . . .		July 16, 15	
	<i>R. M. Wyatt</i>	E. A. Sup. . . .		July 10, 15	
	<i>J. O'G. Fitzpat-</i> <i>rick,</i>	E. A. Sup. . . .		June 11, 15	

* Seconded.

† Represents date of original deputation.

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

Names,	Designation, rank or grade.	Nature of leave.	Period of leave.	Leave began.	Leave ends.	REMARKS.
Imperial Service.						
Y. M. D.						
Col. T. F. B. Renny-Tallyour, C.S., C.S.I., R.E.	Sup.	P. L. with furlough.	1 0 0	Mar. 6, 19	Mar. 5, 20	
Lt.-Col. C. L. Robertson, C.M.G., R.E.	Sup.	P. L. with furlough.	2 0 0	Oct. 25, 19	Oct. 24, 21	
Lt.-Col. G. A. Benzaley, D.S.O., R.E.	D. Sup.	Special (war) leave, and leave on medical certificate.	1 1 23	Dec. 17, 18	Feb. 8, 20	
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 0 0	May 15, 19	May 14, 20	
Maj. H. McC. Cowie, R.E.	D. Sup.	P. L. with furlough.	1 0 0	Nov. 28, 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'C. Tandy, D.S.O., O.E.S., R.E.	D. Sup.	Combined leave.	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	
J. deVraaff Hunter, R.A.	A. Sup.	P. L. with furlough.	0 8 0	Aug. 5, 19	Apl. 4, 20	
Maj. R. Foster, I.A.	A. Sup.	P. L. with furlough.	1 0 0	Sept. 20, 19	Sept. 19, 20	
Bt.-Maj. K. Mason, M.C., R.E.	A. Sup.	P. L. with furlough.	1 0 0	Mar. 31, 19	Mar. 30, 20	
Provincial Service.						
O. C. Ollenbach	D. Sup.	P. L.	0 6 0	Dec. 10, 19	June 9, 20	
F. P. Walsh	A. Sup.	P. L. with furlough.	1 11 20	July 14, 19	July 3, 21	
Rama Prasad Ray, B.A.	E. A. Sup.	P. L.	0 3 24	Sept. 29, 19	Jan. 22, 20	
C. West	E. A. Sup.	P. L.	0 5 0	Sept. 30, 18	Feb. 28, 20	
C. H. Tresham	E. A. Sup. . . . .	... . . . .	...	June 16, 19	...	Details not to hand.
Munshi Lal, B.A.	E. A. Sup.	P. L.	0 3 0	Oct. 7, 19	Jan. 6, 20	
B. T. Wyatt	E. A. Sup.	P. L.	0 4 11	Sept. 2, 19	Jan. 12, 20	
A. J. Booth	E. A. Sup.	P. L. with furlough.	0 6 0	July 23, 19	Jan. 22, 20	
Upper Subordinate Service.						
Jamna Prasad, R.E.	S. A. S.	P. L. with furlough.	1 5 6	Oct. 1, 19	Mar. 1, 21	

List of casualties which occurred in the Survey of India during the half-year ending 31st December 1919.

Names.	Rank or Designation.	Date.	NATURE OF CASUALTY.
<i>Imperial Service.</i>			
Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S.	S. G.	Sept. 16, 1919	Retired.
Major K. W. Pye, D.S.O., R.E.	A. Sup.	Dec. 1919	Reverted to Imperial Establishment.
Bt.-Maj. F. P. Nosworthy, D.S.O., M.C., R.E.	A. Sup.	Aug. 22, 1919	Transferred.
<i>Provincial Service.</i>			
W. Newland	D. Sup.	Dec. 25, 1919	Transferred.
H. A. Charrier	E. A. Sup.	Oct. 22, 1919	Retired.
A. J. Moore	E. A. Sup.	Oct. 9, 1919	Resigned.
<i>U. S. Service.</i>			
Harl Ram Chandra Jogalekar	S. A. S.	Oct. 11, 1919	Retired.

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>		
Lal Singh	Retired S. A. S. (Re-employed pensioner.)	1st Jan. 1900.
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.
Syed Zillo Hasnain	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.
Pramadarenjan Ray	E. A. Sup.	3rd June 1913.
Narendra Nath Mukherji	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.
Ram Prasad, C.E.	S. A. S.	3rd June 1916.
Nanak Chand Puri, B.A.	S. A. S.	1st Jan. 1919.
Jagdamba Prasad	E. A. Sup.	1st Jan. 1920.

List of recipients of Kaisar-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.	1st Jan. 1916.
<i>Second Class (Silver Medal).</i>		
Sher Jang, K.B.	S. A. S.	1st Jan. 1916.

Disposition List of Administrative Officers of the Survey of India 1st January 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, C.I.E., D.S.O., R.E.	. . . .	. . . .	. . . .	Sept. 16, 19	General direction of operations and superintendence of— No. 8 Drawing Office (Sindh) Mesopotamian Survey Party.
Superintendent, Northern Circle.	Lieut.-Col. R. T. Crichton, C.I.E., I.A.	. . . .	. . . .	Sup. . . .	Nov. 30, 18	Superintendence of— No. 1 Party. No. 2 Party. No. 3 Party. No. 4 Party. No. 22 (Bivern) Party. Sind Sagat Party. Waziristan Survey Party. Birjand Survey Detachment. North-East Persia Survey Detachment.
		<i>Provl. Service.</i>				
		J. A. Freeman	. . . .	D. Sup.	Nov. 17, 14	In charge No. 1 Drawing Office.
		A. A. Graham	. . . .	E. A. Sup.	Oct. 5, 18	No. 3 Drawing Office.
		<i>U. S. Service.</i>				
		Imam Din	. . . .	S. A. S.	July 1, 15	No. 3 Drawing Office.
		Jamna Prasad, B.S.	. . . .	S. A. S.	Oct. 1, 19	(On leave.)
(Muzooora.)						

Disposition List of Administrative Officers of the Survey of India, 1st January 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.	Lt.-Col. E. A. Tandy, R.E.	. . . .	. . . .	Offg. Sup. . . .	Nov. 4, 19	Superintendence of— No. 5 Party. No. 6 Party. No. 7 Party. No. 8 Party. No. 20 (Cantonment). South-West Persia Survey Detachment.
		<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.
(Bangalore.)						
Superintendent, Eastern Circle.	Lt.-Col. W. M. Coldstream, R.E.	. . . .	. . . .	Sup. . . .	Oct. 20, 19	Superintendence of— No. 9 Party. No. 10 Party. No. 11 Party. No. 12 Party. No. 21 (Burma Forest) Party.
		<i>Provl. Service.</i>				
		Pramaderanjan Ray, B.S.	. . . .	E. A. Sup.	May 20, 19	In charge No. 5 Drawing Office (Temporary).
		E. Claudius	. . . .	E. A. Sup.	May 15, 15	No. 5 Drawing Office.
		<i>U. S. Service.</i>				
		Dalbir Rai	. . . .	S. A. S.	Nov. 8, 19	Ditto.
(Shillong.)						

Disposition List of Administrative Officers of the Survey of India, 1st January 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. Lenox-Conyngham, Kt., R.E., F.R.S.	. . . . .	. . . . .	Sup.	Sept. 9, 12	Superintendent 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 No. 2 Drawing Office, and Forest Map Office.
		Major F. J. M. King, R.E.	. . . . .	Offg. D. Sup.	Apr. 1, 19	
		Major C. M. Thompson, I.A.	. . . . .	Offg. D. Sup.	Mar. 19, 19	In charge Computing Office.
		Capt. L. H. Jackson, I.A.	. . . . .	A. Sup.	Dec. 19, 19	(On probation.)
		Bt.-Maj. E. O. Wheeler, M.O., R.E.	. . . . .	A. Sup.	Dec. 9, 19	Ditto.
		Capt. F. A. Glennie, D.R.O., R.E.	. . . . .	A. Sup.	Dec. 20, 19	Ditto.
		H. G. Salmond	. . . . .	...	Aug. 27, 19	On deputation from Eastern Bengal Railway.
		<i>Provl. Services.</i>				
		A. Ewing . . . . .	...	...	Nov. 10, 19	Retired, in temporary employ.
		C. C. Byrne	E. A. Sup. . . . .	...	Sept. 13, 16	Chief Draftsman, Forest Map Office.
		Hannman Prasad	E. A. Sup. . . . .	...	May 1, 13	Computing Office.
		Rama Prasad Ray, B.A.	E. A. Sup. . . . .	...	July 1, 18	No. 2 Drawing Office.
		J. McCracken, M.B.E.	E. A. Sup. . . . .	...	Sept. 15, 19	Ditto.
		T. F. Kitchen	E. A. Sup. . . . .	...	July 21, 19	Forest Map Office.
		Prafulla Kumar Ghosh, B.Sc. . . . .	...	...	Oct. 6, 19	(On probation.)
		Bhupendra Nath Saha, M.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. Services.</i>				
		Lal Singh, B.N. . . . .	...	...	Aug. 4, 19	Retired, in temporary employ.
		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.

(Dehra D-n.)

Disposition List of Administrative Officers of the Survey of India, 1st January 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. H. H. Turner, R.E.	. . . . .	. . . . .	Offg. Sup.	Mar. 10, 18	
		Major O. H. B. Trenchard, R.E.	. . . . .	D. Sup.	May 25, 18	In charge No. 1 D. O., E. O., and M. R. I. O.
		Major A. H. Gwyn, I.A.	. . . . .	Offg. D. Sup.	Mar. 25, 19	In charge P. L. O.
		<i>Provl. Services.</i>				
		M. Gastaud . . . . .	...	...	Mar. 8, 17	Chief Draftsman, Map Publication Office. Retired, in temporary employ.
		P. Williams	E. A. Sup. . . . .	...	Mar. 4, 14	
		Jagdamba Prasad, B.S.	E. A. Sup. . . . .	...	June 28, 10	Head Draftsman, Drawing Office.
		Abinash Chunder Bose	E. A. Sup. . . . .	...	Nov. 2, 14	
		Asmat-ullah Khan, B.N.	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 Sahgal	E. A. Sup. . . . .	...	Sept. 1, 16	

(Calcutta.)

Disposition List of Administrative Officers of the Survey of India, 1st January 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.	. . .	Capt. W. E. Perry, M.C., B.E.	. . . . .	Offg. D. Sup.	Apl. 7, 19	
(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, 14	
			S. Woodhouse .	. . . . .	Aug. 2, 14	
(Calcutta.)						

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

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.		
5	Southern Circle (Topographical).	Supdt., Southern Circle.	Imperial Service.				
			Major L. C. Thuillier, I.A.	D. Sup.	Nov. 11, 19		
			Provincial Service.				
			H. B. Simons	E. A. Sup.	Nov. 1, 19		
			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		
			Damodar Khadilkar	S. A. S.	Oct. 14, 18		
			Pulin Behari Roy	S. A. S.	Oct. 1, 19		
Recess quarters, Bangalore.			Permanent Establishment	Temporary Attached	ditto ditto		

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

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1919-20. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.		
			Tindals and Khalasis.	Burkundazes and Peons.			
...	51,670	In charge.
8	...	3	14	6	...		
20	100	2	...		
1		
...	1,04,330	In charge.
11	...	4	15	4	...		
14	227	...	...
...		
Recess quarters, Bangalore.						Permanent Establishment	Temporary Attached
						ditto	ditto

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).	Supdt., Southern Circle.	Imperial Service.				
			Maj. J. D. Campbell, D.S.O., R.E.	Offg. D. Sup.	Oct. 3, 19		
			Provincial Service.				
			J. H. S. Wilson	E. A. Sup.	Nov. 21, 19		
			C. E. C. French	E. A. Sup.	Dec. 12, 19		
			Haji Abdul Rahim, K.B.	E. A. Sup.	Nov. 1, 19		
			Upper Subordinate Service.				
			Eknath Battu	S. A. S.	Nov. 1, 19		
			Sasadhur Mukerjee (on probn.)		Dec. 1, 19		
			Bishnu Charan Mukerjee (on probn.)		Dec. 1, 19		
			Abinash Chandra Sen Gupta (on probn.)		Dec. 1, 19		
			Narendra Nath Soor (on probn.)		Dec. 1, 19		
			J. A. Cabral (on probn.)		Dec. 1, 19		
			Prasannakumar Sircar (on probn.)		Dec. 1, 19		
			Narsingh Dass Joshi (on probn.)		Dec. 1, 19		
			Jitendra Nath Chakravorty (on probn.)		Dec. 1, 19		
			Recess quarters, Bangalore.			Permanent Establishment	
			Temporary ditto				
			Attached ditto				
8	Southern Circle (Topographical).	Supdt., Southern Circle.	Provincial Service.				
			W. M. Gorman	D. Sup.	Nov. 1, 19		
			S. F. Norman	E. A. Sup.	Nov. 11, 19		
			M. Mahadeva Mudalliar, M.A.	E. A. Sup.	Apr. 8, 14		
			B. T. Wyatt	E. A. Sup.	Aug. 29, 19		
			J. C. St. C. Pollett	E. A. Sup.	Dec. 10, 19		
			M. S. Ganesh Aiyar	E. A. Sup.	Nov. 1, 19		
			Upper Subordinate Service.				
			K. Narayanaswami Chetti	S. A. S.	Sept. 1, 07		
			H. Narasimhamurti Rao	S. A. S.	Nov. 1, 17		
			Shahk Muhammad Salik, C.B.	S. A. S.	Nov. 1, 19		
Recess quarters, Bangalore.			Permanent Establishment				
			Temporary ditto				
			Attached ditto				

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

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1919-20. Es.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.		
			Hindals and Khalasls.	Burkundazes and Peons.			
						74,790	In charge.
10	...	1	1	4	...		
5	...	1	57	...	...
...		
						70,040	
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.				
			Dt.-Lt.-Col. R. H. Phillimore, D.S.O., B.E.			D. Sup.	Oct. 30, 19
			Provincial Service.				
			E. J. Biggie			E. A. Sup.	May 6, 19
			Amar Krishna Mitra			E. A. Sup.	July 6, 19
			Upper Subordinate Service.				
			Amulya Charan Ghosh			S. A. S.	Oct. 1, 15
			Gopal Lal Mitra			S. A. S.	Aug. 10, 16
						Permanent Establishment	. . . .
			Recess quarters, Shillong.			Temporary ditto	. . . .
			Attached ditto			
10	Eastern Circle (Topographical).	Supdt., Eastern Circle.	Provincial Service.				
			M. C. Potters			D. Sup.	Oct. 29, 16
			H. H. Creed			E. A. Sup.	Oct. 11, 16
			Dhirendra Nath Banerji, L.C.M.			E. A. Sup.	Sept. 24, 15
			Upper Subordinate Service.				
			Dhirendra Nath Saha			S. A. S.	Nov. 1, 14
			Ram Prasad, M.S., C.H.			S. A. S.	Jan. 25, 19
						Permanent Establishment	. . . .
			Recess quarters, Maymyo.			Temporary ditto	. . . .
						Attached ditto	. . . .

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

SUBORDINATE ESTABLISHMENT.						Sanctioned Budget for 1919-20.	REMARKS
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.		
			Tindals and Khalasis.	Burkundazes and Peons.		Rs.	
. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	66,180	In charge.
8	...	2	3	8	1		
9	...	4	119	10	...		
6	...	1	...	...	...
. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1,60,240	In charge.
14	...	1	10	2	1		
8	6	1	23	...	...
3	1	...	...	...	...

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.																																				
19	India (Base Line). Recess quarters, Mussooree.	Supdt. of Trig. Sy.	Imperial Service.		Dec. 12, 19																																				
			Maj. H. J. Couchman, D.S.O., M.C., R.E.	D. Sup.																																					
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		Permanent	Establishment	:	:																																				
		Temporary	ditto	:	:																																				
		Attached	ditto	:	:																																				
20	India (Cantonment). Recess quarters, Secunderabad.	Supdt., Southern Circle.	Provincial Service.		Apl. 30, 18																																				
			B. R. Hughes	D. Sup.																																					
			O. D. Jackson	E. A. Sup.	Nov. 1, 15																																				
			Upper Subordinate Service.																																						
Dharma		S. A. S.	Sept. 15, 13																																						
Jitendra Mohan Mukerji		S. A. S.	Aug. 1, 18																																						
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> </tr> <tr> <td></td> <td></td> <td>Permanent</td> <td>Establishment</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Temporary</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Attached</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> </table>														Permanent	Establishment	:	:			Temporary	ditto	:	:			Attached	ditto	:	:												
		Permanent	Establishment	:	:																																				
		Temporary	ditto	:	:																																				
		Attached	ditto	:	:																																				
21	Eastern Circle (Burma Forest). Recess quarters, Maymyo.	Supdt., Eastern Circle.	Provincial Service.		May 8, 19																																				
			H. W. Biggie	D. Sup.																																					
			W. G. Jarbo	E. A. Sup.	May 1, 19																																				
			C. O. Picard	E. A. Sup.	Oct. 25, 19																																				
			C. B. Sexton	E. A. Sup.	Sept. 2, 19																																				
Upper Subordinate Service.																																									
Bhamba Ram, C.M.		S. A. S.	May 1, 19																																						
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> </tr> <tr> <td></td> <td></td> <td>Permanent</td> <td>Establishment</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Temporary</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Attached</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> </table>														Permanent	Establishment	:	:			Temporary	ditto	:	:			Attached	ditto	:	:												
		Permanent	Establishment	:	:																																				
		Temporary	ditto	:	:																																				
		Attached	ditto	:	:																																				
22	Punjab (Riverain). Recess quarters, Lahore.	Supdt., Northern Circle.	Provincial Service.		July 1, 10																																				
			Maya Das Puri, 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																																						
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> </tr> <tr> <td></td> <td></td> <td>Permanent</td> <td>Establishment</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Temporary</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Settlement</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Attached</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> <tr> <td></td> <td></td> <td>Purely Temporary</td> <td>ditto</td> <td>:</td> <td>:</td> </tr> </table>														Permanent	Establishment	:	:			Temporary	ditto	:	:			Settlement	ditto	:	:			Attached	ditto	:	:			Purely Temporary	ditto	:	:
		Permanent	Establishment	:	:																																				
		Temporary	ditto	:	:																																				
		Settlement	ditto	:	:																																				
		Attached	ditto	:	:																																				
		Purely Temporary	ditto	:	:																																				

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

SUBORDINATE ESTABLISHMENT.						Tahsildars, Naib Tahsildars, Kanungos, etc.	Sanctioned Budget for 1919-20. Rs.	REMARKS.
Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Merial Establishment. Tindals and Khalasis.		Sub-Assistant Surgeons.			
...	21,080	In charge.
...	...	1	3	...	...	...	...	...
...
...	64,180	In charge.
6	...	10	3	2	...	...	...	...
7	...	2	105	...	...	...	...	...
2
...	1,31,400	In charge.
2	...	1	2	1	1	...	...	...
16	...	3	281	...	...	...	...	...
3
...	1,79,720	In charge.
...
1	12	20	9	2	...	...	...	...
...	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.		
Waziristan Survey Party.	North-West Frontier (Special).	Supdt., Northern Circle.	Imperial Service.				
			Lt.-Col. H. L. Crosthwait, B.E.	D. Sup.	Oct. 1, 19		
			Provincial Service.				
			P. A. T. Kenny	E. A. Sup.	Oct. 1, 19		
			F. J. Grace	E. A. Sup.	Oct. 1, 19		
			J. A. Calvert	E. A. Sup.	Oct. 1, 19		
			Upper Subordinate Service.				
			Muhammad Husain Khan	S. A. S.	Oct. 1, 19		
			Shib Lal, C.E.	S. A. S.	Oct. 1, 19		
			Sadik Ali	S. A. S.	Oct. 1, 19		
			Permanent Establishment				
			Temporary ditto				
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 January 1920—continued.

Surveyors.	Traversers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.	Sanctioned Budget for 1919-20. Rs.	REMARKS.
			Tindals and Khalasis.	Burkundazes and Peons.			
...	In charge.
7	...	1	...	...	...	...
2	...	2	100	...	...	...
...	In charge.
...	1	...	...	...
...	28	...	...	...

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.
North-East Persia Survey Detachment.	(Special)	Supt., Northern Circle.	Provincial Service.		
			E. B. West	E. A. Sup.	Oct. 1, 19
			L. Williams	E. A. Sup.	Oct. 1, 19
			D. K. Rennick	E. A. Sup.	Dec. 1, 19
	Recess quarters, Mussoorie				
			Permanent Establishment		
			Temporary ditto		
South-West Persia Survey Detachment.	South-West Persia (Special).	Supt., Southern Circle.	Provincial Service.		
			F. H. Grant	E. A. Sup.	Oct. 1, 19
			Permanent Establishment		
			Temporary ditto		

attached to Field Parties, 1st January 1920—concluded.

Surveyors.	Travelers.	Draftsmen, Computers, Clerks, Interpreters.	Menial Establishment.		Sub-Assistant Surgeons.	Sanctioned Budget for 1919-20. Rs.	REMARKS.
			Tindals and Khalasis.	Burkundazes and Peons.			
...	In charge.
15 5 2	... 6	...	...	...
...	22,810	In charge.
... 24	...	...	...

