LIST OF OFFICERS

OF THE

SURVEY OF INDIA DEPARTMENT

CORRECTED TO

1st JULY 1898.



CALCUTTA:

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Classified List of Officers of the Imperial Service, Survey

organisation scheme (A).	No. under old scheme.	No. existing in each grade.	Nambs of Officers,	Branch to which originally posted. TAMPERTAL SERVE			Date of first joining the Department.	Date of appointment to the present grade or post.	SPeriod of service counting towards pension on tut July 1898.					
	IMPERIAL SERVICE. Surveyor-General.													
_														
1	1		Strahan, Major-Genl. Charles, (B.B.	Topogl.		6 5 43	Sep. 26, 1863	Mar. 26, 1895	• • •					
			D	eput y S u	ırveyor.(l eneral	. .							
1	1		Sandeman, Col. John Edward, 1.8.0.	Rev.	PH.	3 9 43	Oct. 6, 1864	Mar. 26, 1895	 					
			Hobday, LtCol. James Ramsay, 1,s.c. (Offg.).	• • • •	• • • •	• • •	• • • • •	May 27, 1898						
			Superinter	dent, T	rigonome	trical	Surveys.	•						
1	1		*Gore, LtCol. St. George Corbet, B. B.		• • • •		• • • • •	May 1, 1894	ļ j					
		•••	Burrard, Major Sidney Gerald, B.B. (Offg.)			• • •		Apl. 26, 1898	 					
			A	ssistant	Surveyo	r-Gene	rals.	ſ	'					
3	3 ,	1	Hobday, LtCol. James Ram-		} • • • •]		Feb. 4, 1897						
,	ı		Say, 1.8.0. Bythell, Bt. Major William John, R.B. (Offg.).				• • • · ·		 					
1	- }	2	Pope, Thomas Archdale					June 10, 1897						
t	J	3 1	Spring, Alfred Edward	• • • •	,	· • • ·		Jan. 22, 1897	¹					
					erintende									
•		1	Inches Diet Inches		DE. Salary		_							
	3	1	Jackson, Edwin James	Rev.	Hs.	6 11 44	Nov. 5, 1868	Feb. 17, 1898	30 1 10					
- 1	ľ	2	Gore, Lt. Col. St. George	G. T. S.		24 2 49	Apl. 11, 1873	Apl. 15, 1898						
		3	Hobday, LtCol. James Ram-	Topogl.	HS.; Collo- quial Bur-	} ₁₆ 7 50	Sep. 11, 1874	May 27, 1868						
Į	Ţ	l		(mese and LS, Shan.)	12, 2012		[• • •]					
			** **		. Salary R1,	800.			ļ					
ь	7	. i	Longe, Major Francis Bacon,	_ †		31 10 56	,	Jnn. 21 1896	• • •					
		2	Wahab, BtLtCol. Robert Alexauder, C.I.S., B.S.	*	Us, HP. Urdu, HS. Persian, HS.	14 4 55	Jan. 8, 1883	Dec. 12, 1896	• • •					
		3	Reynolds, William Henry, F.B. 6.5.	+	Pushin, LS.	20 2 43	Oct. 24, 1890	Feb. 4, 1897	35 4 11					
		4	Hodgron, Major Godfrey Beckett, 1.8.0.	+	нв,	28 10 58	Sep. 12, 1883	Jane 10, 1897						
		5	Burrard, Major Sldney Gerald, B.B.	+	Ls.	12 8 60	Sep. 2, 1884	Feb. 17, 1898						
		6	Scott, George Batley	Re₹.	HS. LS. Burmese	31 7 44	Nov. 10, 1884	Apl. 15, 1898	35 £ 0					
	l 	7	Eccles, John, M.A	+		9 9 57	May 30, 1885	May 27, 1808	13 1 1					

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

of findia Department, as it stood on is	
Consolidated Salary. if any. Survey Party or Office to which at present attached.	Remarks,
R a, p;	
3,000 0 0	Extension of service up to 30th September 1899.
	Furlough for 1 year and 126 days, on let May 1897.
1.482 10 0 (a) Local, R200 . S	Special leave for 6 months, from 28th Ápril 1993,
1,440 0 0 (b) Presidency, R60 2 1,300 0 0 (b) Presidency, R60 3 1,000 0 0 (b) Presidency, R60	Officiating Deputy Surveyor General in charge Revenue Surveyor-General's and Mathematical Instrument Offices, Head-Quarters, Calcutta. In charge, Lithographic and Photographic Offices, Head-Quarters, Calcutta. n charge, Engraving and Drawing Offices, Head-Quarters, Calcutta.
1 1,600 0 0 In charge, No. 3 (Upper Gurma) Jo	oined the Junior Division, 26th September 1864.
	pecial leave for 6 months, from 26th April 1898.
	ficiating Deputy Surveyor General in charge Revenue Surveys.
1	pecial leave for 6 months, from 6th May 1899.
chistan) and Drawing Office, Simla.	fficiating Superintendent, 1st grade.
ment, as Superintendent, For- est Surveys, oliver of the surveys	ervice in Forest Department, from let January 1871 to 23rd October 1890. Extension of service sanctioned by the Secretary of State up to the close of the field season 1898; further extension up to 30th September 1899. Officiating Superinendent, let Grade. 1 subsidiary leave from 19th June 1898, presentory to taking 2 years furlough.
Officiating Superintendent, Trigonometrical Surveys,	Wiresord on seeing a financial controller.
ent, Settlement Surveys,	ined the Junior Division, 1st May 1863,
7 1,300 0 0 NW. P. In charge computing, Dehra Dún,	

⁽e) Secretary of State's Despatch No. 43 (Revenue), dated 19th April 1894.

(b) Department of Agriculture, Revenue and Commerce memorandum No. 213, dated 14th Ksy 1878.

(c) Secretary of State's Despatch No. 27 (Revenue), dated 14th March 1893.

[§] Applies only to Officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on the let January 1878.
(A) Department of Revenue and Agriculture Resolution No. 2, dated 27th March 1868.

* Elected for continuous Indian Service.

	Olassified List of Officers of the Imperial Service, Su									Surve	of	Inc	lia D	e p art	ment,	as it stoo	d on 1st July 1898—con	tinued.
No. under re- organisation	No. under old	No. existing in	Names of Officers.	Branch to which originally posted.	Passed in languages.	Date of birth.	first	ate of joining the artment.	Date of promotion to the present grade.	§ Peri serv count town pens on Ju 189	ice ng de on	No. extering in	Consol Sale	idated Bry.	Extra a if	dlowances, any.	Survey Party or Office to which at present attached.	R в манкв.
			IM :	PERIAL	SERVIC	E-con	td.			Y. 1	. De	_	R	a. p.		•		
			I	Deputy 8	uperinter	ndents.					1							
				18T GRAD	B. Salary RI	,000.					1							
7	9	1	Fleming, Capt. John Murchison, 1.8.C.	†	HS. and LS. Persian	12 8 5	July	3, 1885	Dec. 17, 189	5	.] 1		• •				Furlough for 1 year and 7 months, from 13th November 1897.
		2	Pope, Thomas Archdale .	†	Telugu, Ta-	21 6 58	Oet.	1, 1886	Dec. 25, 1895	11 6	OA A	2					Head-Quarters, Calcutta	Officiating Superintendent, 2nd grade.
		3	Renny-Tailyonr, Capt. Thomas Francis Bruce, n.B.	+		8 6 63	Apl.	1, 1888	Jan. 21, 1896			. 3	1,410	0 0			In charge, Survey detachment with China-Burma Boundary	Ditto ditto ditto,
		4	Bythell, BtMajor William John, B.B.	†	Ls.	9 9 62	May	29, 1889	Jan. 1,1897			4					Delimitation Commission. Head-quarters, Calcutta	Ditto ditto ditto.
		5 6	Lenox-Conyngham, Capt. Gerald Ponsonby, R.B. Crichton, Capt. Richmond Trovor, 1.8.c.	†	ns.	1			Feb. 4, 1897 June 10, 1897				1,440 1,000			l, R100 .	In charge, Nos. 22 and 23 (Astronomical). Superintendent of Settlement	Ditto ditto ditto.
		7	Gordon, Capt Philip Jame.	+	ns	2 6 59	Nov.	10, 1890	Feb. 17, 1898			7	1,000	0 0			Surveys in Bengal, and in charge, No. 4 (Pihar). In charge, No. 17 Party, (Bombay Forests.)	
		8	Gilbert-Cooper, Bryan Gardiner	, {	HS. HS.Sindhi, IIS. Mara	24 6 57	Feb.	19, 1891	Apl. 15, 1898	5 3	18	8	1,000	0 0			In charge, No. 7 (Lower Burma)	
		9	Erskine, Claude Francis	+ }	thi. HS.Sindhi, LS. Marathi.	15 10 55	Feb.	19, 1891	May 27, 1898	7 4	2B	9	1,000	0 0			In charge, No. 12 (Sind)	
				2 N D	GRADE. Sale	ary <i>R8</i> 50.			'									I
	9	1	Litchfield, Edward Ferdinand;	+	не.	23 1 52	Oct.	24, 1890	Dec. 12, 1895	26 5		1		٠.			On deputation, Forest Department,	Service in Forest Department, from 16th October 1876 to 23rd October 1800. Furlough for 9 months, from 24th June 1897, extension for 1 year and 3 months.
		2	Spring, Alfred Edward	,† {	HS. Mara- thi, LS. Sindhi.	41 5 5	Feb.	18, 1891	Jan. 23, 1896	5 5	131	2					Head-Quarters, Calcutta	Officiating Deputy Superintendent, 1st grade.
		1	Burn, Capt. James Montague,	†	Ls.	18 12 66	May	17, 1891	Dec. 12, 1896	• •	1	3		•			1	Furlough for 2 years, from 12th Apr il 1898.
		4	*Frager, Capt. Howard Alan Donholm, 8, 8.	•		19 6 6	Oct.	29, 1891	Feb. 4, 1897	·		4	1,140	0 0			in charge, Nos. 9 & 19 (Madras)	Officiating Deputy Superintendent, 1st grade,
		1	*Ryder, Capt. Charles Henry Dudley, R.S.	+	HS. and LS. Pushtu.	28 6 6	Nov.	29, 1891	Mar. 1, 1897	┆		5	• •	• •	٠.			Furlough for 2 years, from 20th March 1897.
			Pemberton, James Stowart .	Rev.	Le.	8 7 4	3 Apl.	1, 1892	June 10, 1897	37 8	2	8	1,000	0 0			In charge, Nos. 2 & 8 (NW. P. and Oudh).	Joined the Junior Division, 6th October 1860. Extension of service to 30th September 1888. Officiating Deputy Superintendent, 1st grade.
			Symonds, Capt. Charles William. Herbert, r.s.o.	+,	ня.	5 9 65	Sep.	28, 1892	Feb. 17, 1898	$ \cdot $		7	1,000	0 0			In charge, No. 6 (Assam) .	Officiating Deputy Superintendent, 1st grade.
		- 1	Atkinson, George William Elliot. Robertson, Capt. Charles	1	l i	11 10 43	}	8, 1892	1			8	1,000	0 0 0 0			Drawing Office, Simla	Joined the Junior Division, 1st August 1859. (Officiating Deputy Superintendent, 1st grade.
			Robertson, Capt. Charles Lonsdale, n. B.	,	LS,	13 2 67	May	3, 189 4	May 27, 1898					v		• • • •	Special daty, Simla	

[§] Applies only to Officers who are under the Uncovenanted Service Rules.

y Joined the Department after the amalgamation on the lat January 1878.

I Passed in Surveying by the Higher Standard as defined in the Forest Department Code, 3rd Edition.

(A) Excludes previous service under Madras Government.

(B) Flected for continuous service in the Bombay Revenue Survey.

* Elected for continuous Indian Service.

⁽d) Secretary of State's Despatch No. 86 (Revenue), dated 15th August 1895.

Period of service counting towards penden on lat July 146 Branch to which Date of Date of Passed in Date of first joining the promotion NAMES OF OFFICERS. originally posted. languages. birth, to the Department. present grade.

ope Consolidated Salary. Extra allowances,

R 0. p.

if any.

Survey Party or Office to which at present attached.

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

REMARKS.

IMPERIAL SERVICE-concld.

Assistant Superintendents.

15T GRADE, Salary R600.

7	10	1	• Coldstream, Lieut, William Menzies, a.z.	† [LS. and HS. Pushtu.	19 2 69	Nov. 25, 1894	Jan. 23, 1896	• • •
		2	Transferred to the Provincial Service.	• • • •					4 4 6
		3	Ditto ditto	• • •				}	• • •
		4	Ditto ditto	· · · .]		• • •
	į	5	Pirrie, Lieut, Francis William,	•	HS. and LS. Pushtu.	23 8 67	June 11, 1895	Mar. 1, 1897	• • •
		6	Hare, Lieut. Humphrey John,	•	LS. Pashtu	16 2 69	Jan. 8, 1897	June 10 1897	• •
}		7	Hume, Lieut, Arthur Henry Blies, B.H.	+	LS, and Parvatys.	19 2 68	Jan. 24, 1897	Dec. 10. 1897	• • •
		8	*Turner, Lieut. Horace Harri- son, s.s.	+		13 8 67	Apl. 22, 1897	Feb. 17, 1898	• • •
1		9	Beazeley, Lieut. George	+		7 7 70	Oct. 12, 1897	Apl. 15, 1898	• •
		10	Crosthwait, Lieut. Herbert Leland, B.B.	+		26 12 67	Nov. 22, 1897	Мау 27, 1898	• • •

2ND GRADB. Salary R500.

8	10	1	Tandy, Lieut. Edward Aldborough, B.B.		†		•	•		26 12 71	Jan.	31	. 1898	.	•	•	•	$\cdot $	• •	
		2	Mears, Lieut. Arthur, 1.8.0		t		•	•	•	15 6 69	Nov.	21,	1897	•	•	•	•	٠	• •	
		3	Vacent		•		•	•	.			•			•	•	•	•	• •	
		4	Ditto				•		.			•				•	•	•		
		5	A L Malon MS			 .			.								•	$\cdot $		
		6	Ditto			 ١.			.					١.	•	•	•	٠l	• •	
		7	Ditto		•				.							•	•	•	• •	
		8	Ditto						. [•	•	•	$\cdot $	• •	
				1		ı			١,		l .			l					_=	£

§ Applies only to Officers who are under the Uncovenanted Service Rules
† Joined the Department after the amalgamation on the 1st January 1876,
• Elected for continuous Indian Service.

ĺ	1	870	0	0	(e) Upper Burma, R100.	In charge, No. 10 (Upper Burma) Officiating Deputy Superintendent, 2n1 gra	de.
l	2		•		• • • • •		
	3						
	4						
	5	800	0	0	(f) Baluchistan, R100.	No. 15 (Baluchistan) Ditto ditto, ditto	o.
	6	870	0	0	(e) Upper Burma,	In charge, No. 21 (Upper Ditto ditto, ditt	σ.
Ì	7	870	0	0	(e) Burma, R100 .	In charge, No. 20 (Burms), Ditto ditto, ditt	σ.
İ	8	870	0	0	(f) Baluchistan, R100.	No. 24 (Baluchistan). Ditto ditto, ditt	to.
\	9	870	0	0		No. 22 (Astronomical) . Ditto ditto, dit	to.
	10	670	0	0	$ \begin{cases} \binom{(g) \text{ Charge, } \mathbb{R}100}{(h) \text{ Deputation }} \\ \mathbb{R}100. \end{cases} $	In charge, No. 25 (Tidal and Levelling).	

1	57	0	0	0	٠	•		•		•		Tri	gono	metr	ical E	Branci	of	ic e.	I
2	500	0	0	0					•	•		Tri	gono	metri	ical E	Branci	b Offic	ce.	On probation.
3				•		•				•					•	•	•	•	
4			•	•	}	•	•		•				•	•	•	•	•	•	
5				•		•					•			•			•	•	
6	•	•		•														•	·
7												١.							
8					,										•				

(c) Department of Finance and Commerce No. 756, dated 11th February 1889.

(f) Financial Resolution No. 5926, dated 25th October 1889.

(g) Department of Agriculture, Revenue and Commerce memorandum No. 731, dated 81st October 1878.

(k) Department of Revenue and Agriculture, No. 519-81-4, dated 18th September 1884.

Classified List of Officers of the Provincial Service, Survey

No. under re- organisation scheme.(n) No. under oid scheme. No. existing in each grade.					first joining the Department.	promotion to the present grade.	towards pension on lat July 1898.
		a Deputy	AL SER y Superin	tenden	ts.	-	Y, M, 1
2 1 Ve	Tacant	18T GRAD	B. Salary RE	300.		1	ı
2 2	Ditto					· • • • •	• • •
		2ND GRAD	2. Salary R	650.		• • • • •	1 • • •
3 1 V	acant		• • • •	• • •			• • •
2 Di	Ditto			• • •	• • • • •		
, 3 D	Ditto			١		١	١
	Extra	. Assista i 18t Grad e ,	n t Sup er i Salary 855	intende: :0.	nte.		
	delcham, George Patrick (Supernumerary).	G. T. S.	нs.	15 2 45	Nov. 1, 1862	Apl. 1, 1896	35 8 6
_ 3 2 Pc	ocock, Lovell Jeremiah (Supernumerary)	G. T. S.	us.	26 9 43	July 10, 1863	Apl. 1, 1896	34 6 7
3 C1	laudius, Thomas Ernest	Topogl,		1 6 46	Aug. 1, 1863	Feb. 4, 1897	32 1 0
4 B	McMahon (Supernumerary), Suttress, William Samuel	Rev.		19 2 44	Oct. 1, 1860	Dec. 2, 1896	37 10 0
5 Li	ittle, Edwin George	Rev.	E8.	11 10 45	Nov. 5, 1862	Dec. 14, 1837	32 8 19
) 6 D	owman, Henry	Rev.	Burmese.	11 6 46	Oct. 16, 1862	June 4, 1898	35 8 1
[] [•		l	I		}	1
6 , 5 , 1 , W	Vyatt, Alexander George	2nd Grai Topogl, 1	DB. Sulary I	25 2 45	Nov. 1, 1861	May 23, 1893	1 33 4 6
	, javi, mozada ocoigo	ropogi,	• • • •	20 2 10	1, 1001	May 20, 1030	30 1 0
2 H	Ianby, Henry Townsend,	Rev.	LS.	20 10 45	Nov. 13, 1862	Dec. 2, 1896	34 7 18
3 Ch	bristle, Albert Douglas Lincoln	G. T. S.	HS. LS. Marathi.	29 9 45	Aug. 7, 1863	Jan. 1, 1897	32 3 4
4 Pi	Price, Walter Casperz	G. T. S.		23 6 46	Nov. 1, 1863	Sept. 2, 1897	32 0 8
5 M	IcA'Fee, Charles Henry .	G. T. S.	LS.	14 11 4 9	Sep. 6, 1864	Dec. 14, 1897	28 6 17
6 н	lamer, Charles Fredrick	Topogl.		6 10 46	Aug. 3, 1863	June 4, 1898	31 10 %
		3RD GRAD	B. Salary R	450.			
8 7 0	O'Donel, James Hoppner.	Rev.		10 7 45	Oct. 1, 1863	Jane 8, 1836	32 11 28
st	tolesbury, William	Topogl.	{ HS., Cana-rese. }	26 7 47	Oct. 4, 1364	Oct. 13, 1896	30 11 8
1 Jan	mes, Alfred John	Topogl.	LS.	19 11 46	June 15, 1864	Oct. 13, 1896	31 713
2 2	Rendell, Thomas Henry.	G. T. S.	• • • •	23 7 44	Oct. 11, 1864	Dec. 12, 1896	33 729
3 Ta	apsell, Charles Edward.	Topogl.	LS.	14 11 44	Aug. 12, 1864	Jan. 1, 1897	33 7 17
4 Sn	mart, Robert Boddington .	Rev.	LS.	28 6 47	Jan. 1, 1865	Feb. 4, 1897	31 0 2
5 To	odd, Hugh	G. T. 8.		16 8 47	July 15, 1865	Sep. 2, 1897	30 9 16
6 Co	onnor, Edwin Joscelyn .	G. T. S.	LS.	18 8 48	Mar. 1, 1865	Dec. 14, 1897	29 4 10
7 00	onnor, James	Bo-		07 6 45	Feb. 15 1005	Apl. 13, 1898	30 g. f
	ond, James	Rev. G. T. S.	••••	27 8 47	Feb. 15, 1865	June 4, 1898	
- 100	oud, outnos .	u, ı, ı,	• • • •	6 1 50	Oct. 18, 1866	June 1, 1000	

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

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

No. existing in each grade.	Salar	y .		Extra allowances, If any.						urvey Party at pres	y or t	Office (o wh	leh	Remares.
	R a	. p.													
[, ,	11								(To be filled under re-organisation scheme.
1 2	• •	•		•		•		•]		•				Ditto ditto.
1.			1			_	_	_							Ditto ditto.
2	• •	•		•		•	•	•	}		•			•	Ditto ditto.
3	• •			•		•	•	•			•	•	•	•	Ditto ditto,
1 2 3 4 5 6 1 2 3	550 550 550 550 550 550 500	0 0 0 0 0	0 0 0 0 0 0 0	{ (c) { (b) } { (d) } { (b) } { (e) } {	Cha) ≥e) Bal • Per • Upp•	nrke rson luch rson •	R1(al,R istan al,	00 50 , R80 R50 ., R80	•	No. 25 (T) In tempe (Himale Nos. 2 and Oudh). No. 3 (Upp No. 4 (Bib Head-Quar Computing	orary nya). Baluc 8 (per B nar) rtara 8 (N	charge chietan (NW. surma)	e. No). P. etta and	and	Exclusive of 89 days' sick leave. Copyist from 1st to 30th September 1860. Apprentice from 1st January 1860. Exclusive of 5 years 10 months and 10 days' service under 20 years of age. Absent without leave 3 days, sick leave 2 day in October, 4 days in December 1865, and days in December 1866. Inclusive of furlough out of India, from 11th November 1883 to 6th November 1884, unde suspension from 3rd to 7th November 1895.
4	E00	0	0	(d)	Вu	חומז	, R5(1	No. 7 (Lov	ver I	Burma)			November 1886 to 15th May 1887.
6	500 500					•	•	•		Drawing C				٠,	Passed the Poona C. E. College examination in 1864. Sick leave for 1 month, from 30t December 1882.
]	· •			ì						On deputa	tion	, Авнаг	D.		1
	€00	0	0		•	•	•			Chief Dr.			i end•	Quar	r.
1	450	0	0	(e)	Upp	per!	Burn	18, R	80	No. 21 (U	pper	Burm	a).		1
2	• •	•	•		•	•	•	•				•	•	,	. Furlough to Europe for 1 year from 27th March 1898.
3	450				•	•	•	•		No. 17 (I					Apprentice from Jut January 1991
5	450 450				•	•	•	•		Nos. 2 an Oudh). Nos. 9 and				. 00	Apprentice from 1st January 1864. Exclusive of 33 days sick leave, from 2s
6		0	_		•	•	•	•		No. 25 (Ti				- 1g)	November 1868, Exclusive of 6 months and 5 days' leave of private affairs under new rules from 16 November 1876.
7	₹50	0	0	(e)	Մթյ	pe r 3	Burn	a, R80	0.	No. 3 (Up					
8	450	0	0	(d)	Are	, מוחפ	₹850		٠١	No. 25 (Tida	l and I	evell.	in g)	Exclusive of 20 days' sick leave in Februar 1875.

- (a) Department of Revenue and Agriculture No. $\frac{519}{81-4}$, dated 18th September 1884.
- (d) Department of Revenue and Agriculture No. 8, dated 6th March 1897.

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

 (d) Financial Resolution No. 5826, dated 25th October 1885.

 (e) Department of Finance and Commerce No. 756, dated 11th Fobruary 1880.

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

Classified List of Officers of the Provincial Service, Survey of

Y, M, D,

PROVINCIAL SERVICE—contd.

Extra Assistant Superintendents-contd.

4TH GRADB. Salary R400.

13	10	•••	Dunne, Thomas Henry	Rev.	LS.	25 12 49	Feb. 15, 1865	July 6, 1894 28 5	26
		. 1	Potter, Clemons Defries.	G. T. S.	Ls.	19 8 45	Oct. 29, 1866	Mar. 27, 1895 31 7	0
		2	Walnright, Edwin Alfred .	Topogl.		8 6 48	May 1, 1866	Mar. 27, 1895 30 0	23
		3	Barker, James Alexander .	Topogl.		13 4 46	Sep. 18, 1865	Nov. 26, 1895 32 21	10
		9	Ewing Richard Cunningham Dundee.	Rev.	Hs.	10 6 48	June 9, 1866	Jane 8, 1896 29 10	В
		5	Cornelius, Walter John	Topogl.	LS.	31 3 49	Aug. 15, 1866	Oct. 13, 1896 29 3	1
		6	Todd, Robert	Topogl.		12 7 45	Nov. 1, 1863	Dec. 12, 1896 32 11 2	20
		7	Jarho, George William	Rev.	LS.	15 9 47	Nov. 1, 1866	Jan. 1, 1897 30 0	0
	ļ	8	Doran, Patrick John William .	Topogl.	LS.	5 5 49	Feb. 1, 1867	Sept. 2, 1897 29 12	7
			Scott, James Reid	Rev.	LS.	5 3 49	Jan. 19, 1867	Dec. 14, 1897 29 32	77
		9	McHalton, John	Rev.	Ls.	17 7 49	July 1, 1867	Dec. 14, 1897 27 11 1	14
		10	Bickie, John	G. T. S.	LS.	13 1 49	Apl. 29, 1868	Api. 13, 1898 28 11 1	8 -
	ĺ	11	Cusson, Geoffrey D'Estival .	G. T. S.	LS.	23 9 46	May 8, 1868	June 4, 1898 30 1 2	3
		12	Facant	J					•
		13	Ditto			• • • [• • • • • • • • • • • • • • • • • • • •	•
	[
- {		}				ĺ			

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

No existing in each grade.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
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R o, p,

ı ••• ˈ		•	•		•	•	•	•	1	On dep	utation	o, E	gypt	•	•	Absent without leave 1 day and sick leave 10 days in October 1865.
1	400	0	0			•	•	•		No. 18	(Himal	aya)	•	•	Exclusive of 33 days' sick leave. Obtained a Civil Engineer's certificate at the Madras C. E. College in 1866.
2	400	0	0	(d)	Ba	luchi	istan	, R8(No. 1 5	(Balue	hist	AD).			C, E. Contego in 2000;
8	400	0	0	(<i>f</i>	Pr	eside	ncy,	R30	•	Head-Q	uarters	s, Ce	alcutta	٠.	•	Exclusive of sick leave from 18th to 25th May 1893.
4	• •	•	•		•	•	•	•	'	•	• •		•	•	•	Furlough from 17th September 1895 to 11th September 1867. Medical leave out of India, for 9 months, from 13th April 1899.
5	400	0	0	(g	6 i1	mla I	R25	•	•	Drawin	g Office	, Si	mla	•	•	100m april 2000)
6	400	0	0		•	•	•	•		Nos. 9	21 bna) (M	adras)		• .	Under suspension from 11th May to 6th June 1863.
7	400	0	0	(d) Bu	ırme,	, R 50	•	•	No. 7 (Lower	Bar	ma)	•	•	Apprentice Draftsman from 9th April 1866.
8	400	0	0	{	(c) (Jpper Ch ar (· Bur ge R	ma, 100.	R80	Ia ter (Upp	mporar er Burn	y cl na).	harge,	No	. 11	Apprentice from 18th December 1866. Sick leave for 15 days, from 28th May to 9th June 1869.
•••	•	•	•		•	•	•	•	•	On de	putatio	on,	Centr	al E)10 V -	
8	400	0	0		•	•	•	•	•	Nos. 2 Oudb	and i	8 (NW.	P.	and	
10	400	0	0	{	(d) (c)	Balu Char	chist ge R	laπ, 3 100.	R80.		mporar ichistai		barge	No	. 24	Exclusive of 6 months' sick leave from 1st March 1673.
11	400	0	0	1	(e) U	pper	Bur	ma,	R80	No. 1	O (Upp	er B	lurma)	•	•	Inclusive of farlough out of India for 364 days, from 1st November 1879.
12	1	•	•		•	•	•		•			•	•	•	•	
13		•	•		•	•			•			•	•	•	•	
	<u> </u>	_								{						

⁽c) Secretary of State's Despatch No. 121, dated 7th May 1886,
(d) Financial Resolution No. 5826, dated 25th October 1888.
(e) Department of Finance and Commerce No. 758, dated 11th February 1889,
(f) Financial Resolution No. 704, dated 22nd February 1866.
(g) Revenue and Agricultural Department No. 3896, dated 1st November 1890.

Olussified List of Officers of the Provincial Service, Survey of

Y. M. D.

PROVINCIAL SERVICE-contd.

Extra Assistant Superintendents-contd.

5TH GRADB. Salary R350.

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

6TH GBADB. Sulary #300.

1 1	Fielding, William Augustus	G. T. S.	LS.	17 5 48	May 1, 1868 Oct. 1, 18870	May 23, 1893	30 111
2	Marten, Thomas Sinclair.	Forest Surv.	 	23 2 46	Oct. 6, 1888	Mny 23, 1893	24 3 18
3	Prunty, Patrick Fitzrny	G. T. S.		24 12 54	, ,		
	<u></u>	1	ł	ļ		Į Į	_1

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

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

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

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ţ.	[1]	350	0 (0	(e) Upper Burma, R80	No. 3 (Upper Burma).
	2	350	0 1	0	(d) Burma, R50 .	No. 7 (Lower Burma).
				.		On deputation, Burma Exclusive of 2 days' overstayed privilege leave.
	8	350	0 (0		No. 18 (Himalaya).
	4	360	0 (o 	(d) Burms, R50 .	No. 20 (Burma) Sick leave for 3 months from 1st March 1869, 2 months from 1st August 1860, and from 22nd April to 31st May 1892. Leave on private affairs for 2 months and 10 days from 23rd March 1897.
	5	3 50	0 (0		No. 18 (Himalaya) Passed the Poona C. E. Examination in 1864. Passed in Hindi as notified in the C. P. Gazette of 26th January 1899.
	6	350	0	0	(c) Upper Burma, R80.	No. 10 (Upper Burma).
	7	350	0 (0		No. 12 (Sind) Apprentice Draftsman from 11th October
	8	350	0	0	$\{(d) \text{ Assam R50} \\ (h) \text{ Settlement R50} \}$.	No. 6 (Assum) Medical leave from 23nd October to 28th November 1883, and from 3rd August 1886 to 2nd February 1887, excluded.
	9	350	0	0	(h) Settlement, R50 .	No. 4 (Bihar) Sick leave for 3 months from 6th July 1880.
	10	350	0	0		Nos. 2 and 8 (N,-W. P. and Oudh).
	11	350	0	0	(f) Presidency, R30.	Head-Quarters, Calcutta . Office Assistant from 1st January 1864. Furlough for I year, from 22nd September 1881. Medical leave from 16th March to 15th September 1891.
	12	350	0	0		Nos. 2 and 8 (NW. P. and Office Assistant from 22nd November 1868, Oudh.)
	13	350	0	0	(s) Upper Burma, R80.	No. 11 (Upper Burms) . Inclusive of service in the Forest Department from 1st November 1877 to 30th September
		450	0	0		Head Draftsman, Head-Quarters, Calcutta.
	14	350	0	0	(g) Simla, R25	Drawing Office, Simla Apprentice from 1st April 1872.
,	15	350	0	0	(d) Baluchistan, R80 .	No. 15 (Baluchistan) Medical leave from 12th May to 7th July 1892.
1					1	,

	1	300	0	0 (• • • •	In charge, Training School, Debra Dón.	Inclusive of service in the Bombay Secretariat, from 1st April 1886 to 30th September 1887.
	2	300 3 00	0	0		- manit	Includes previous service in Forest Department from 14th March 1674. Joined as Computer, 1st December 1873.

(d) Financial Resolution No. 5826, dated 25th October 1886.

(e) Propertment of Finance and Commerce No. 755, dated 11th February 1889.

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

(g) Revenue and Agricultural Department No. 1339/16.6, dated 1st November 1890,

(h) Secretary of State's Despatch No. 75 (Bevenue), dated 15th August 1889.

Classified List of Officers of the Provincial Service, Survey of													
Branch to which originally posted. NAMES OF OFFICERS. Branch to which originally posted. Passed in languages. Date of first joining the Department. Date of promotion to the Department. Period of service counting the Department. Period of service counting the Department. Plevide of first joining to the Department. Plevide of service counting to the Department. Period of service counting to the Department.													
	PROVINCIAL SERVICE—contd. Extra Assistant Superintendents—concld.												
					-concia.		1						
	•	STH GRADE.	8alary R300	-concld.			}						
1 4 W	hite, Patrick	Topogl.	LS,	10 10 50	Oct. 1, 1872	Nov. 25, 1893	21 10 0						

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

Salary. Extra allowances, if any. Survey Party or Office to which at present attached.		_			
	lan o	Balary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Bemarks.
(11-				·

R a, p.

			OTH GRADE.	Salary R300	-concld.						}					
		White, Patrick	Topogl.	LS.						200		200	000	(e) Upper Burma, R80	No. 11 (Upper Burms) .	Exclusive of sick leave for 3 months from 21st October 1878; extension for 3 months; further extension of leave without pay up to 17th August 1879. On half-pay list from 18th August 1879 to 31st August 1880. Sick leave for 1 year from 17th October 1881; extension to 28th January 1883. Sick leave for 3 months from 5th November 1883. Furlough for one year and six months from 24th March 1892.
	5	Kealing, James	G.T.S.	• • •	4 5 54	June	1, 1874	July	6, 91	24 1 0	5	300	0 0 0	{(d) Assam, R50}	In temporary charge, No. 14	I Montage Montage Page 1994
1 1	6	Norman, Sydney Frederick	. G. T. S.		8 8 54	Sep.	1, 1874	Λug.	7, 1894	23 10 0	6	300	0 0 0	(c) Charge 1100 \$	(Lushai). No. 17 (Bombay Forests).	
} {	7	Norman, Charles Arthur.	. G. T. S.	LS.	18 6 56	Oct.	12, 1834	Mar.	27, 1895	22 1 18	7	300	0 0 0		No. 17 (Bombay Forests).	
	8	Kraal, Charles Samuel .	. Rev.	LS.	25 10 53	July	24, 1874	Mar.	27, 1895	23 10 21	8	300	0 0 0	(h) Settlement, R50 .	No. 4 (Bihar)	Sick leave from 6th to 22nd February 1879.
1	9	Berkeley, Lionel Fitz-Harding	Rev.	LS.	28 8 54	Aug.	16, 1875	Λpl.	27, 1895	22 10 16	9	١			On deputation, NW. Provin-	_
- - -	10	Marten, James	. Forest Surv		27 9 51	Oct	. 6, 1886	Oct.	27, 1895	22 8 10	10	1	000		ces. On deputation, Forest Depart-	Includes previous service in Forest Depart-
:	11	Tate, George Passman	. +	LS. & HS.	22 7 56	Mar.	12, 1878	Nov.	26, 1895	21 11 9	11	1	0 0	(d) Baluchistan, R80 .	ment. No. 15 (Baluchistan)	ment, from 22nd October 1875. Apprentice from 1st March 1874.
;	12	Kennedy, Joseph Michael	G. T. S.	Baluchi.	2 11 56	Aug.	19 1875	June	8, 1896	20 10 28	12	1	0 0	(e) Upper BurmaR 80.	No. 21 (Upper Burma)	Medical leave for 9 months from 1st July 1897.
1.		Smart, Patrick Colin Henry .	+	1	16 9 55	Apl.	18, 1878	Oct.	13, 1896	19 9 6					On deputation, NW. Provin-	Sick leave from 8th April to 14th September
	13	Warwick, Robert Francis .	G. T. S.	Ls.	25 3 55	1	2, 1875			20 2 8	13 1		0 6		ces. No. 12 (Sind)	1883. Exclusive of medical leave for 2 months from 10th October 1877; for 3 months from 1st May 1879; for 4 months and 25 days from 30th August 1881; and for 11 months and 30 days from 16th August 1882. Fur-
	14	George, Alfred	+	LS,	14 1 55	Oct.	15. 1878	Jan.	1, 1897	19 8 17	14	330	ا م م	(d) Burma, R50	No. 20 (Burma)	lough for 1 year from 28th May 1892. Exclusive of previous service as Sub-Sur-
1 1	_	George, Christopher		L.S. Burmese	ľ	ı	5, 1878			23 10 14			0 0	(«) Durma, 1650	Nos. 9 and 19 (Madras)	veyor. Previous service as Sub-Surveyor from 118th
1 1	_	Waller-Senior, Robert	+	LS.	13 11 60	1	21. 1878	ı		17 23				(d) Assert DSA	No. 14 (Lushai)	August 1874. Exclusive of medical leave from 8th May to
	1	Higgs, John Adolphus		LS.	18 4 59		12, 1881	Jan, 1	18, 1898	18 6 0	17		0 0	(d) Assam, R50	Drawing Office, Debra Dán	6th October 1880. Previous continuous service in Board of Revenue from 4th March 1878, and joined as apprentice from 31st July 1878. Medical leave from 7th March to 18th November 1888.
		Smart, Oswald David	†		16 9 57	Oct.	,			16 0 11	,		• •	• • • •	¿On deputation, NW. Provinces	Previous temporary' service in the Cadastral Establishment, from 1st December 1879 to 30th September 1881, Medical leave from 21st December 1884 to 1st September 1885.
1	18	Ewing, Arthur	+	• • •	30 4 62	Nov.	, ,			16 6 U		300	0 0	(d) Burma, R50	No. 20 (Burma)	200 2000200 2001 00 100 100 100 100 100
1	19	Gostaud, Michael	†		8 3 62	May				18 4 6		300	0 0	(e) Upper Burma, R80 .	No. 3 (Upper Burma)	Apprentice Draftsman from 3rd January 1882.
1.		Beechey, Percy	+	LS. & HS. Burmese.	18 7 61	Dec.	1, 1882	June 4	4, 1898	15 7 0			• •		On deputation, Burma.	1002,
2	20	Berkeley. Ernest Fitz-Hardinge	+	Ls.	21 10 64	Sep.	1, 1883	June 4	1, 1898	13 8 W	20	300	0 0		No. 4 (Bihar)	Office Assistant from 1st May 1881.
, ,	,	Sub-	। Assistant	Superin	tendeni	ts.							,	l		1
		1sr	GRADB. Sala	ry R200 risin	g to R25 0.						111	250	0 0 1		Nos. 9 and 19 (Madras) .	Inclusive of special leave to Europe on full
2 22	1	Barckley, William Cyclone	Topogl.		22 10 51	Dec.	1, 1871	Mar. 1	L, 1898A	26 0 mg			"		fion a star to farmannia	pay for 1 year 10 months and 26 days,

						_					
22	22	1	l _	Bade. Sale Topogl.	ary R800 risis	ng to R280. 22 10 51		1871	Mar.	1, 1898A	26 0 25
		2	Madras, Septimus Oswald . Ewing, Walter Herbert Donald	Rev.	LS.	14 8 50 23 8 57	July 6,		l	7, 1894 A 16, 1889	
_											

250 0 0 Head-Quarters, Calculta . (f) Presidency, R20 325 0 Draftsman, Calcutta, Head-Quarters,

Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1676. Suspended from office from 16th to 18th May 1693. Under suspension from 15th May to 6th August 1894. Exclusive of 2 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 28th July 1880.

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

⁽c) Scereiary of State's Despatch No. 121, dated 7th May 1885.
(d) Financial Resolution No. 5828, dated 25th October 1888.
(c) Department of Finance and Commerce No. 758, dated 11th February 1889.
(f) Financial Resolution No. 704, dated 22nd February 1888.
(h) Scereiary of State's Despatch No. 75 (Rovenue), dated 15th August 1889.

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

Classified List of Officers of the Provincial Service, Survey

Property				<u> </u>					Darvey 0	1					
## PROVINCIAL SBRVICE—cond. **Bub-Assistant Superintendents—cond.** **To Giana. Sup	No. under re- organisation scheme. No. under old	No. existing in each grade.	Names of Officers.	which originally	in		first joining the	promotion to the	of service counting towards pension e. on 1st July	No. exteting to	Sal	lary.			Remades.
### Sub-Assistant Superintendents—cond. 187 Galana, Salary Motor Fine 1.0 2.0 2.5 2.5 2.0 2.1 1.0 2.0 2.5 2.5 2.0 2.1 2.0 2.5 2.5 2.0										i.	R	a. p.	•		
Salary ASSO rising for ARSO—concided 1 2 2 5 5 5 5 5 5 5 5			PR OV II	NCIAL S	SERVIC	E—contd	·.		Y. H. D						
2			Sub-Assist	ant Supe	rintende	nts—con	td.		1						
Bellywer, Rolan				Salary R200	rising to R26										
Second Process of Pr	1	3		1 1		21 8 65	Dec. 23, 1	383 Nov. 1, 18	893 12 10 10 ₁	3	300	0 0	• • • • •	_ ,	
Source S	1		Bedford, Nolan	†	• • • •	16 7 61	Jan. 10, 1	384 Nov. 15, 18	893 14 6 1	j			• • • •	On deputation, NW. Provinces.	
Servey S		4	Hughes, Benjamin Robert .	†		13 6 66	Oct. 15, 1	183 July 6, 10	894 12 01	4	240	0 0	1	On deputation, Forest Depart- ment.	Temporarily transferred to the Forest Survey Branch from 16th October 1897.
Serrow, Philip Joseph Survey L3, Burmest 3 7 61 Apl. 23, 1884 Mar. 27, 1885 13 1 1 7 230 0 0 (r) Upper Burms, 1890 No. 10 (Upper Burms). College Burms).	ł	5	Descubes, Alexander			17 7 54	Dec. 5, 1	89 Jan. 26, 18	395 11 5 17	5	230	0 0		On deputation, Forest Dept	Includes previous service in Forest Depart-
7 Smith, Joseph . †	1	6	Serrao, Philip Joseph		LS. Burmese	3 7 61	Apl. 24, 1	'		6	250	0 0	(e) Upper Burma, R80	No. 10 (Upper Burma).	ment, from 18th Saduary 1887.
Skilling, William . † L.S. 26 4 67 Nov. 23, 1881 Apl. 27, 1885 11 \$ 1		7	Smith, Joseph	+		14 9 63	Aug. 1, 1			7	230	0 0		No. 12 (Sind)	Furlough from 15th May 1894 to 6th March
Skilling, William			Johnson, William Edmund .	+	ES. Burmese	14 9 61	Aug. 18. 18	84 Mar. 27, 18	13 10 1					On deputation, Burma.	
Mar. Aginer Boddington			Skilling, William	+	LS.	1	1,	' '			 			On deputation, NW. Provinces	
8 Lee, Chories Graham .			Smart, Aylmer Boddington .	+		1	,				300	0 0		Draftsman, Head-Quarters, Cal-	
9 Bell, Frederick Samuel . †		8	Lee, Charles Graham	•		23 8 66	Mar. 1, 1	86 May 3, 18	95 11 10 8	8	· ·				Establishment, from 1st December 1863 to
10 Walsh, Felix Patrick		9	Bell, Frederick Samuel	+	İ	28 9 64	Sep. 24 18	86 Oct. 15. 18	95 11 9 7	9	220	0 0	(e) Assam, R40	No. 6 (Assam).	28th February 1886.
11 Powell, Frank Burgess 1 ES, LS Burmese 1 8 64 Sep. 23, 1886 Oct. 27, 1885 11 9 8 11 On deputation, NW. Provinces 12 Yusaf Sharif, Khan Bahadur †		10	Walsh, Felix Patrick	•	i		,	,	· i -	10	$\ .$			On deputation, Siam.	
13 Hira Singh, Rai Bahadur	ľ	11	Powell, Frank Burgess	1	ES. LS.	1		· ((1	11				On deputation, NW. Provinces.	
14 Babonau, Thomas Walfer (Jr.) † L.S. & E.S. 10 7 66 Jan. 15, 1884 June 8, 1896 10 10 10 10 10 10 10 10 10 10 10 10 10		12	Yusaf Sharif, Khan Bahadur .	+		18 12 46	Dec. 1, 18	86 Nov. 12, 18	95 31 0 15	12	220	0 0 0	(d) Baluchistan, R80 .	No. 15 (Baluchistan)	Joined as Sub-Surveyor, 18th June 1887.
Burnese 10 10 10 11 13 184 184 185 185 186 187 186		13	Hira Singh, Bai Bahadur .	*		1 9 51	Mar. 12, 18	87 Nov. 26, 19	95 27 1 2	18	220	0 0 0	(d) Baluchistan, R80 .	No. 15 (Baluchistan)	tion, from 1st October 1871. Sick leave from 2th February to 6th April 1889. Leave
Haddock, John A. T. 1.8. E8. Burmese 16 10 63 Nov. 26, 1887 Oct. 13, 1896 10 7		14	Babonau, Thomas Walter (Jr.)	•	LS, & ES. Burmese,	10 7 66	Jan. 15, 18	84 June 8, 18	96 10 10 1	. 14	250	0 0 0	$ \cdot \cdot \cdot \cdot \cdot$	No. 4 (Bihar)	November 1889. Leave to Europe on private
Wood, Charles George Stotesbury † LS. 1 7 68 Aug. 2, 1884 Jan. 1, 1897 10 0 0 18 25, 1898 Jan. 1, 1897 10 0 0 18 25, 1898 Jan. 1, 1897 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Haddock, John A. T.	+	LS. ES.	16 10 63	Nov. 26, 18	87 Oct. 13, 18	96 10 7	3 40	. .	• • •	•	On deputation, Burma.	amairs, from 30th June to 20th December 1892.
Wood, Charles George Stotesbury		15	Baker, William John	+	ES.Burmese	18 8 66	Jan. 25 19	88 Oct. 13. 18	96 10 5	15	21	0 0 0	(e) Upper Burma, R80	No. 3 (Upper Burma).	
16 Gasper, Cecil Stephen			Wood, Charles George Stotesbury	, +		10 00		1	3		. .			On deputation, Burms.	Leave without allowance, from 12th May 1886
17 Johnson, Clarence Henry Godwin † 14 6 69 Nov. 13, 1888 Feb. 5, 1897 9 01 17 On deputation, NW. Provinces. 18 Shaw, Henry George •	1	16	=		1		1			16	3 21	0 0 0	0	1 .	to 11th January 1989.
18 Shaw, Henry George		17	· · · · · · · · · · · · · · · · · · ·		' ' ' '		l .	ı	- 45	17		• • •	.	<u>'</u>	
gical Department, from 1st January 1893.		- 1			1					- 1		0 0 0	(e) Upper Burms. RAO		fucludes previous service in the Meteorolo-
		- 1		-	1		1			19	21	0 0 0	.	,	gical Department, from 1st January 1883.

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Jnn. 18, 1898

Dec. 12, 1889

Nov. 19, 1890

23 11 70

Apl. 13, 1898 9 6 16

June 4, 1898 7 7

Forest Bur-

₹ey.

20 | Murphy, Joseph Horrocks

Rae, George

22

On deputation, Forest Department.

On deputation, N.-W. Prov-

On deputation, N.-W. Provinces Medical leave for 1 month, from 18th Apl. 1890.

includes previous service in Forest Department, from 16th December 1888.

[†] Joined the Department after the amalgamation on 1st January 1478.

⁽d) Financial Resolution No. 5926, dated 25th October 1988. (e) Department of Finance and Commerce No. 766, dated 11th February 1899.

Classified List of Officers of the Provincial Service, Survey of

Y. M. D.

PROVINCIAL SERVICE-contd.

Sub-Assistant Superintendents-contd.

		2ND (GRADE. Sal	ary R160 risi	ng to R200.			
2	3	Warde, Francis Edward	†	• • •	7 9 51	Nov. 13, 1884	A Oct. 1, 188	39 12 3 6
	-			1	1		}	
				}	1	1		
								}
		1						Ì
							•	
	1 2	Charrier, Henry Arthur		7.0 70		İ.		
Ì	1	, , , , , , , , , , , , , , , , , , , ,	•	LS. ES, Burmese,	22 10 64	Apl. 21, 1884	Mar. 1, 1891	1 13 0 2
ł	3	Tanada Santa, Malan Dankdar .	+	\	7 4 49	May 6, 1891	July 6, 1894	28 8 (
	5	Dittantia, Charles	Forest Sur-		24 1 66			
	6	1 - BBic, Hearly William	f"	ES., HS. Burmese.	9 12 71	Nov. 21, 1891	Mar. 27, 1895	6 6 28
1	7	Transaction .	+	Duimese.	0 12 68	Nov. 13, 1891	Mar, 27, 1895	6 7 18
l	8		!		28 9 66	Nov. 13, 1891	Mar. 27, 1895	11 9 4
	9	Chatterjee, Nilmoni	1 1	LS.	2 8 72	Nov. 13, 1891	Mar. 27, 1895	1
		Powell, Harry Burgess	†	ES, and LS. Burmese,	17 11 70 2 6 70	Nov. 23, 1891 Nov. 22, 1891	Apl. 27, 1895 May 3, 1895	1
1	10	Freeman, John Alaric	+					
1	11		+	LS. Burmese	24 7 70	Nov. 23, 1891 Nov. 23, 1891	Oct. 15, 1895 Oct. 25, 1895	678
	12	Dance,	+	 		Non 05 1001	N 10 1006	6 1 10
-}	13	Newland, Walter	†	LS, Barmese	21 6 72	Nov. 25, 1891 Sept. 11, 1893	Nov. 12, 1895 Nov. 26, 1895	2 2 8
	14	Gorman, William Michael .	†		28 4 76	Sept. 19, 1893	Apl. 8, 1896	4 9 18
	15	Amer Singh	1	ES. and LS. Burmese.	1 1 63	Bept. 18, 1893	June 8, 1896	13 2 5
1	16	Wilson, John Henry Stanhope	+	LS.	10 1 71	Bept. 4, 1893	Jan. 1, 1897	4 9 27
	17	Sheehan, Michael Joseph	+		20 1 75	,		2 8 6
1	18	Petters, Malcolm Campbell .	+		27 12 73	Oct. 30, 1895	Mar. 1, 1897	2 8 0
[19	Peychers, Alexander Henry	+		}	Nov. 1, 1895	Feb. 5, 1897	2 8 17
	20	Donaghey, John	+	L.S.	26 8 75	Oct. 15, 1895	Mar. 21, 1897	2 8 1
	21	Biggle, Edwin John.	+	2.5,	20 9 74	Oct. 26, 1895	Oct 10, 1897	2 8 8
1	22	Vaughau, Percival Kenneth	· · · · · · · · · · · · · · · · · · ·		16 2 73	Oct. 24, 1895	Jan. 18, 1898	B 7 1
	23	Causley, Philip Lloyd	•		1	· · · · · · · · · · · · · · · · · · ·	Apl. 13, 1898	2 9 11
	24	Bose, Abinash Chunder	+	[I	22, 2000	June 1, 1898 June 4, 1898	2 8 17

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

4	. 184	- T	·	·	
	No. existing in euch grade.	Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Rвилько.
ı		D			

						•	
		0	0	0	(g) Simla, R16	Drawing Office, Simia	Exceeded joining time by 6 days rom 22nd May 1880; on half-pay from 1st to 31st July without pay 4 days in Sep., 4 days in Oct. and 11 days in Nov. 1890; 10 days in Jan., t days in Feb., 6 days in Mar., 5 days in Apl., 14 days in Oct., 4 days in Nov., and 4 days in Dec., 1891; 7 days in Feb., 8 days in Mar.
and the same of th							6 days in April, 9 days in May, 14 days in July, and 7 days in Aug; and sick leave from 5th Sep. to 31st Oct. 1892; without paj for 4 days in July 1893, and under suspension from 1st August to 24th Septembei 1893; without pay for 4 days, from 30th July to 2nd August 1894, and 8 days from 3rd to 10th August 1896; absent for 7 days without
	}	1					pay in August 1897, 2 days in September 1897, and 7 days in October 1897.
	2	100	0	0	(d) Burma, ft50	No. 20 (Burma)	1889. Leave on medical certificate 3 months from 24th May 1890.
	3	1 402	-	-		On deputation, Zanzibar	Joined as Sub-Surveyor, 1st September 1871.
	4	200	0	0		On deputation, Forest Depart-	Includes previous service in Forest Depart ment, from 14th November 1888.
	5	 ••	•	٠		On deputation, Siam.	<i>,</i>
	6	176	0	0		Nos. 2 and 8 (NW. P. and Oudb)	
	7	181	0	0		No. 12 (Sind)	Joined as Computer, 19th August 1986.
	8	176	0	0		No. 18 (Himalaya).	
	9	176	0	0		No. 4 (Bibar)	Extraordinary leave from 1st June to 2nd August 1892.
			•	•		On deputation, Burms	Previous temporary service in Cadastra Establishment, from 1st January 1890 to 21st November 1891.
	10	176	0	0	(e) Upper Burma, R80.	No. 10 (Upper Burma).	1
	11	176		0		Nos. 2 and 8 (NW. P. and Oudh.)	
	12	176			(f) Presidency R20.	Head-quarters, Calcutta.	}
	13	176		- 1	(e) Upper Burma, R80	No. 3 (Upper Burma).	
	14	168	0	0		No. 18 (Himalaya).	Includes previous service in the Meteoro-
	15	168	0	0	• • • •	Nos. 2 and 8 (NW. P. and Oudh.)	logical Department from 8th April 1885. Leave without allowance from 28th November to 15th December 1885.
	16	168	0	0 1	·	Nos. 9 and 19 (Madras).	
	17	168	0	0	• • •	Nos. 9 and 19 (Madras).	Medical leave from 4th December 1895 to 31st January 1896.
	18	168	0	0	(d) Baluchistan R80 .	No. 15 (Baluchistan).	
	19	168	0	0	(f) Presidency, R20	Head-quarters, Calcutta.	
	20	160	0	0		Nos. 9 and 19 (Madras).	
	21	160	0	0		No. 18 (Himalaya).	
	22	160	0	0	(f) Presidency, R20.	Head-quarters, Calcutta.	
ļ	23	160	0	0		No. 4 (Bihar)	Medical leave from 15th October 1896 to
	24	160		Õ	(d) Burma, R50	No. 7 (Lower Burma).	2ud April 1897.
			•	v	to barne 100 .	12.0.1 (20.00. 22.22.)	

(d) Financial Resolution No. 5828, dated 25th October 1888.
(c) Department of Finance and Commerce No. 756, dated 11th February 1889.
(f) Ditto No. 704, dated 22nd February 1886.
(g) Revenue and Agricultural Department No. 1339, dated 1st November 1896.
30.6

[†] Joined the Department after the amalgamation on 1st January 1978.

• Passed the Burma Land Records Department examination in Revenue, by the Higher standard.

(A) Date of re-appointment.

Classified List of Officers of the Provincial Service, Survey of

organisation	scheme.	Names of Officers,	Branch to which originally posted.	Passed in languages.	Date of birth.	Date of first joining the Department.	Date of promotion to the present grade.	Period of service counting toward pensio on let
	S S S						Prosone Brade.	July 1898.

Y. M. D.

PROVINCIAL SERVICE-concld.

Sub-Assistant Superintendents-concld.

3BD GBADE, Salary R120 rising to R160.

						H D	UB	V D P		uu	ry	W 1	EU 7	100	ing t	0 K	100	•										
26	1	Williams, I	Patrick	•	•	•		t		1	•	•		•	18	3	71	Sept.	16,	1893	Ju	16	ı,	189	8 &	4	9 15	1
	2	Roy, Hima	nsu Ku	mar	•	•		t			•		•		5	9	73	Oct.	15,	1895	Ι,		•		ĺ			1
	3	Bond, Edge	ar Clint	on Jai	n 6 6	•		t				•	•	•	19	4	70		-		Ι,		•	•	-			11
	4	Jagadamba	Prasad	•	•			†			• •	•	•	$\cdot \Big $	10	1 '	70	Nov.	17,	1896	١.	•	•			3 1	1 22	
	5	Cooper, He	nry Cha	rles I	Iuber	t.		+			1	L,	6.		5	8	74	Nov.	24,	1896	١.				İ	1	7 7	
	6	Fronch, Ch	arles Ed	lwin C	luge	•		t		1.		•			16	3	7 5								- 1	_	•	
	7				•	•		Ť		Т	•			•	25	9	76	Nov.	20,	1896	Ι,				-			
	8				•	•		†			•	•	•		8			Nov.	25,	1896	Ι,							
	9					•		†		1.		•	•		28			Nov.	27,	1896	Ι,				- 1	1	7 5	1
	10				ert	•		Ť		Т	•	•	٠		6		- 1	Nov.	25,	1896	١.			٠	- 1	1	7 7	l
	11	O'Donel, C	onel Ar	gue	•	•		t		ŀ	•	•	•	•	31	7	76	Dec.	10,	1896	١.	•	•	•	1	1	6 22	
	12	Ahmed Ali	Khan, l	Chan I	Bahad	ar		t		1.	•	•	•	•	1	12	47	Nov.	15,	1896	١.		•		1	30	7 0	
	13	Hanuman	Prasad		•	•		t		Ι.		•			17	7	69	Nov.	15,	1896	ĺ,				1	7	8 0	
	14	Littlewood	, Charle	e Su	herla	ba		t			•	•	•	•	(2	9	75	Nov.	15	1896	١.		•			1	7 16	١
	15	Hunter, D	ouglas .	John,	B. A.	۱.		†		Ι,					9	9	75	Nov.	11	1897	Ι.				J	0	7 21	1
	16	Corriden, I	Edgar H	enry	•	-		†		1.	•				25	11	73	Nov.	12	1897	١,					0	7 20	d.
	17		•	•	•	•		t		Ι.		•			4	8	75	Nov.	20,	1897	Ι,				- 1	0	7 12	
	18					•		t		1.	•				10	3	76	Nov.	17,	1897	Ι,				- 1	0	7 15	4.
ŀ	19		-		•	•		†		1	•				28	6	78	Nov.	11,	1897	ì.					0	0 3	, -
J	20			Arie	•	•		t		1	•	•		•	_			Nov.	5,	1897	.		•	•	Ì	-	•	1
	21	lkbaluddin	•	•	•	•		t			•	•	•	٠	8	8	54	Nov.	8,	1897		•	•	•	.	28 1	10 1	1
	22	Vacant .								.				.							Ι.							,
	23	Ditto .	•	•	•			•		.											[]							1
ŀ	24	Ditto .	•		•	•	•	•			•	•		• [• 1			•	Į,				1			1
ŀ	25	Ditto .			•	٠,				.							•				!.				ļ			
	26	Ditto .	•	•	•	•	•	•	•	٠ ٠	•	•	•	.						•		•	•	•		•		
	26	2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	2 Roy, Hima 3 Bond, Edge 4 Jagadamba 5 Cooper, He 6 Fronch, Ch 7 Byrne, Cha 8 Vcale, Cha 9 Anderson, 10 Hardinge, 11 O'Donel, C 12 Ahmed Ali 13 Hanuman 14 Littlewood 15 Hunter, D 16 Corriden, I 17 Dhani Bam 18 Jarbo, Wil 19 Hunter, H: 20 Berrill, Ber 21 lkbaluddin 22 Vacant 23 Ditto 25 Ditto	2 Roy, Himansu Ku 3 Bond, Edgar Clinte 4 Jagadamba Prasad 5 Cooper, Henry Che 6 Fronch, Charles Ed 7 Byrne, Charles Cal 8 Vcale, Charles Joh 9 Anderson, Perciva 10 Hardinge, Eustace 11 O'Donel, Conel An 12 Ahmed Ali Khan, E 13 Hanuman Prasad 14 Littlewood, Charles 15 Hunter, Douglas 16 Corriden, Edgar H 17 Dhaui Bam 18 Jarbo, William Ge 19 Hunter, Harry Ren 19 Berrill, Bernard M 18 baluddin 22 Vacant 23 Ditto 25 Ditto 26	2 Roy, Himansu Kumar 3 Bond, Edgar Clinton Jan 4 Jagadamba Prasad 5 Cooper, Henry Charles I 6 Fronch, Charles Edwin C 7 Byrne, Charles Cabill 8 Veale, Charles John 9 Anderson, Percival Rob 10 Hardinge, Eustace Gibe 11 O'Donel, Conel Angus 12 Ahmed Ali Khan, Khan I 13 Hanuman Prasad 14 Littlewood, Charles Su 15 Hunter, Douglas John, 16 Corriden, Edgar Henry 17 Dhaui Bam 18 Jarbo, William George 19 Hunter, Harry Renfrew 19 Berrill, Beruard Marie 18 Littlewood 20 Ditto 21 Ditto 22 Ditto 25 Ditto	26 1 Williams, Patrick	26 1 Williams, Patrick	26 1 Williams, Patrick	26	26 1 Williams, Patrick	26 1 Williams, Patrick	26 1 Williams, Patrick	26 1 Williams, Patrick	26 1 Williams, Patrick	26 1 Williams, Patrick	26	26	28 1 Williams, Patrick	2 Roy, Himansu Kumar	28 1 Williams, Patrick	28 1 Williams, Patrick	28 1 Williams, Patrick	26 1 Williams, Patrick	1 Williams, Patrick	28 1 Williams, Patrick	26 1 Williams, Patrick	26 1 Williams, Patrick	28 1 Williams, Patrick

[†] Joined the Department after the amaignmention on 1st January 1878

A - Date of reduction.

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

, 		_ 	1
No. earisting in a series of series	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.

K a. p.

	1	160	0	0 1	(e) Upper	Burma	R80	No. 21 (U ppe	r Burn	ıa).		- 1	
	2	128	0	0	(e) Upper	Burme	, R80	No. 3 (U	pper	Burma)			Medical leave from 13th July to 31st August
	3	128	0	0		•	•	No. 12 (Slud)		•	•		Previous service in No. 25 party and Marine Survey from let (letcher 1890 to 19th Decemb
	4	128	0	0	•	٠	•	Nos. 2 a Oudh.)		8 (N	w. 1	P. aı	ıg 1	Joined as Despatcher, Photozinco section, Trigonometrical Branch Office, 10th July 1894. Previous temporary service as Coura
	5	128	0	0	(d) Baluch	histan. i	R.80 .	No. 15 (Baluc	histan	١.		Ì	puter from 17th August 1891 to 9th July 1894.
-1	6		0	-	(,			No. 18 (, .		İ	1002,
	7	128	-	- 1	(f) Presid	lency R	20 .	Hend-qu		• ,	utta.		- 1	
- 1	8		-	0				No. 12	(Sind).				
- }	9	128	Ō	ō	(e) Upper	Burma	. R80	No. 21	Uppe	r Burn	ıa).		ı	
	10				• •		•	No. 3	Uppe	r Burn	na)		. \	On Medical leave for 3 months, from 16th June
1	11	128	0	0	• •		•	Nos. 2 Oudh.)	and	8 (N	w. I	. AI		1898.
- 1	12	128	0	0	(d) Balue	histan ,	R80.	No. 15 (Baluc	histan)			Joined as Sub-Surveyor, 1st December 1867.
- 1	18	128	0	0				No. 23	(Astro	onomie	al)			Joined as Computer, 1st November 1890.
- i	14	128	-	0			•	Nos. 2 a	udh.)			-	P.	Previous temporary service in Cadastral Establishment.
- 1	15	120	0	0			•	Dehra I	-			ng	•	On probation.
	16	120	0	0		• •	•	Ditt	-	dit			•	Ditto.
	17	120	0	-	•		•	Ditt	-	dit			•	Ditto.
	18	120	0	-	•	• •	•	Ditt	-	dit			٠	Ditto.
- 1	19	120	0	•			•	Ditt	0	di			٠	Ditto.
- 1	20	120	0	0			•	Ditt	-	di			•	Ditto.
	21	120	0	0	•	• •	•	Burma- tation		a Bound mission		Deli	mi-	Ditto. Joined as Sub-Surveyor, April 1874.
	22 ,				١.						_			
	23				.			1 .						
- 1	24						•			•				
	25				!		-	1		·				
1	26	١	•	•	•	• •	•	1 .	•		•	,	•	
- 1	-	<u> </u>	•	•	<u> </u>	• •	•	1 .	•	• •			•	

⁽d) Financial Resolution No. 5828, dated 25th October 1889.
(e) Department of Finance and Commerce No. 756, dated 11th February 1889.
(f) Financial Resolution No. 704, dated 22nd February 1866.

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

Name of	e Op:	FICE	AN.	D SE	CTIO	NG.			Nature of work, Officer in charge	ŗe.
Head-	Q ua	rte	rs,	Cal	eutt	a.				_
	Adı	minis	tratio	e.						
Surveyor-General's									Accounts, Correspondence)	
Deputy Surveyor-Gen	eral's	, To	po. B	ranel	1.		•		Ditto A. S. G., S. G.	0.
Ditto,		Re	v. B	ranch		•	•	•	Ditto D. S. G., Rev.	
		Tech:	iical.							
Drawing	•	•	•	•	٠.	•	٠	•	Mapping and Compiling	
Engraving	•	•	•	٠	•	•	•	•	Map engraving by hand	
Lithographic .	•	•	•	•	•	•	•	•	Mapping, Litho, and Type Printing	
Photozincographic	•	•	•	•	•	•	•	•	Reproduction of maps Litho.	oto,
Mathematical Instru	nent	•	•	•	•	•	•	•	Manufactures and repairs of Instruments A. S. G., M. I. D	
Map Record and Issu	0	•	•	•	•	•	•	•	Receipts and Issues of maps Dy. Supdt.	
Trigonometr	ical	Br	and	h, 1	Deh	ra]	Dun	•		
J			trati							
Superintendent's.	•	•	•	•	•	•	•	•	Accounts, Correspondence Supdt., Trig.	3o r •
	7	ech n	ical.							
Computing		•		•	٠		•	•	Reduction of Geodetic operations Supdt.	
Drawing		•		•	•	•	•	•	Mapping Ditto.	
Meteorological .	•	•	•	•	•	•	•	•	Ditto.	
Photozincographic	•		•	•	•	•	•	•	Reproduction of maps Ditto,	
Printing	•	•		•	•	•	•	•	Type Printing Ditto.	
Solar Photographic		•	•	•	•	•	•	•	Solar Photography Ditto,	
	s	iml	a.							
	$T\epsilon$	chnic	cal.							
Drawing Office .		•		•	•	•	•	•	Mapping and Compiling Supdt.	

Names of Field Parties of the Survey of India Department, as they stood on 1st July 1898.

No. of Party.	Locale of Operations.	Recess Quarters.	Nature of Current Operations.	Administrative Officer.
Party. Nes. 2 & 8 No. 3 4 6 7 Nos. 9 & 19 No. 10 11 12 14 15 17 18 20 21 22 23 24 25 Detachment	NW. P. and Oudh Upper Burma Bihar Assam Lower Burma Madras Upper Burma Ditto Sind Lushai Baluchistau Bombay Himalaya Burma Upper Burma India China-Burma Roundary Delimitation Commission.	Mussoorce	Traverse Cadastral Ditto Topographical and Traverse Cadastral Topo, Forests Topographical Ditto Ditto Ditto Ditto Topo, Forests Topographical Topo, Forests Topographical Topo, Forests Topographical Topo, Forests Topographical Astronomical Ditto Triangulation Tide-Registering and Levelling Geographical and Political	D. S. G., Rev. Ditto. Supdt., Settlement Surveys, Bengal. D. S. G., Rev. Ditto. Ditto. Ditto. Supdt., Trig. Surveys. D. S. G., Topo. Ditto. Supdt., Trig. Sarveys. D. S. G., Rev. D. S. G., Rev. D. S. G., Supdt., Trig. Surveys. Ditto. Supdt., Trig. Surveys. Ditto. Ditto. Ditto. Ditto. Ditto. Ditto. Ditto. Ditto. Ditto. Supdt., Trig. Surveys.

Disposition List of Officers of the Survey of India Department attached to the Head-Quarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1st July 1898.

Deputy Surveyor- there of the post of the	Post.	Administrative Officers.	Officers Imper Servi	·lal		ers of acial S	the ervice.	Сіаня.	Grade.	Date of appointment,	Details of super- intendence and remarks,
Caloutta.) Deputy Surveyor-General, incharge Revenue Branch. Offg. ditto . LtC.1. J. R. H. Juday, I.S.C, Caloutta.) Caloutta.) Deputy Surveyor-General, incharge Revenue Branch. Offg. ditto . LtC.1. J. R. H. Juday, I.S.C, Caloutta.) Caloutta.) Pupott. of. Settle-Captain R. T. Crichtion, I.S.C. D. Sup. lat Oct. 19, 95 Superintend of Surveyor Superintenders of Superintenders of Superi	Burveyor-General of India.	Major-Genl. C. Strahan, B.B.		•	•	• •	•			Mar. 26, 95	Direction of all Offices and Su- perintendence
Deputy Surveyor-General, in charge Revenue Branch. Colonel J. E. Sandeman, 1.5.0. May 27, 98 Don furlough 1 year and days, from May 187. May 27, 98 May 27, 98 May 187. Superintend of No. 2 Farties (No. 20 (Lower lun Nos. 9) Parties (ras). No. 20 (Burma).	General, in charge Topographical	Ditto	•	•	•	•				Ditto	of — No. 10 Party (Upper Burma). No. 11 Party (Upper Burma). No. 14 Party (Lushai). No. 15 Party(ha- luchietan). No. 17 Party (Bom.baf) Foreste). No. 21 Party (Upper Burma). Simba Drawing
General, in charge Revenue Branch. Cfig. ditto . LtCol. J. R. Houday, I.s.C, LtCol. J. R. Houday, I.s.C, May 27, 98 May 27, 9	(Caloutta.)			-		-					
Calcutta.) LtC.i. J. R. Huday, r.s.c. May 27, 98 Superintend of P. and On Nos. 2 Farties (Nos. 3 I (Upper Bur No. 6 I (Lower Bur Nos. 7 I (Lower Bur Nos. 9 Parties (rass). No. 20 (Burma). Captain R. T. Crichton, r.s.c. D. Sup. 1st Oct. 19, 95 Superintend of P. and On Nos. 9 Parties (rass). No. 20 (Burma).	General, in charge Revenue	Sandeman, 1.8.0.		•		•	•		• •	Mar. 26, 95	days, from let
Fundt. of Settle Captain R. T. D. Sup. 1st Oct. 19, 95 Superinten of Crichton, 1. s.c. D. Sup. 1st No. 4			•	•		•	•	•	•	May 27, 98	Superintendence of— Nos. 2 & 8 Farties (NW. P. and Oudh) No. 3 Party (Upper Burma) No. 6 Party
ment Sarveys in Crichton, 1.8,0.	(Caloutta.)										
	ment Sarveys in			•		•	•	D. 8up.	let	Oct. 19, 95	No. 4 Parts

Disposition List of Officers of the Survey of India Department attached to the Heal-Quarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1si July 1898—continued.

Post.	Administrative Officers.	Officers of the Imperial Service,	Officers of the Provincial Service.	Class.	Grade.	Date of appointment.	Details of super- intendence and remarks.
Superintendent Trigonometrical Survey.	L'Col. St. G. C. Gore, B.B.			Sup.	let	May 1, 94	On special leave for 6 months from 26th
Offg, ditto .	Major S. G. Burrard, B.B.			Sup.	2nd;	Apl. 26, 98	of Offices at Dehra and of—No. 12 Party (Sind). No. 18 Party (Himalaya). No. 22 Party (Astro.). No. 23 Party (Astro.). No. 24 Party (Baluchistan). No. 25 Party (Tidal and
	İ	J. Eccles, M.A.		Sup,	2nd	Nov. 22, 97	
		Lt. E. A. Tandy,		A. Sup.	2nd	Jan. 31, 98	Computing. Trigonometri-
		Lt. A. Mears,		A, Sup.	2nd	Apl. 13, 98	cal Branch, Office.
		J.S.C.	A. D. L. Christie .	E. A. Sup.	2nd	May 2, 92	Computing.
			C. H. McA'Fee.	E. A. Sup.	2nd	Feb. 1, 85	Drawing Sec-
			J. A. Higgs	E. A Sup.	6th	Mar. 1, 97	Ditto.
			W. A. Fielding .	E, A.	6th	Nov. 4, 97	In charge Train-
			D. J. Hunter .	Տաթ. Տ. A. S.	3rd	Nov. 11, 97	ing School. On probation
			E. H. Corridon	8, A, S	3rd	Nov. 12, 97	uuder training, Ditto.
	ļ		Dhani Ram	S. A. S.	3rd	Nov. 20, 97	Ditto.
	 		W. G. Jarbo	S. A. B.	3rd	Nov. 17, 97	Ditto.
			H. R. Hunter .	8, A. S.	3rd	Nov. 11, 97	Ditto.
(Delira.)			B, M. Berrill .	S. A. S.	3rd	Nov. 5, 97	Ditto.
Assistant Eur- veyor-Goneral, Drawing and	A. E. Spring			Offg. D. Sup.	1et	May 9, 96	
Engraving Offi-			A. G. Wyatt .	E. A. Sup.	2nd	Apl. 27, 98	
			W. Stotesbury .	E, A. Sup.	3rd	Dec. 2,96	
			J. A. Barker .	E. A.	4th	June 5, 93	
			G. Campbell .	E. A. Sup.	5t h	Nov. 1,94	
	1		E. P. S. Hill	Sup.	5th	Nov. 28, 98	
			B. O. Madras	S. A. S. S. A. S.	1	Aug. 7,94 Nov. 27, 93	
		}	A. B. Smart	S. A. S.	let 1st	Feb. 4, 96	}
	1		H. H. B. Hanby	S. A. B.	l .	Feb. 20, 98	
	{		A. H. Peychers .	8. 4. 8.	_	May 10, 98	
	1		P. K. Vaughan .	S, A. S.	2nd	Oct. 16, 97	!
	}	å .					
(Calcutin.)			C. C. Byrne		l	Oct. 27, 97	

Disposition List of Officers of the Survey of India Department attached to the Heid-Quarters Offices at Calcutta, the Trigonometrical Branch Office at Dehra, and the Office at Simla, 1st July 1898—concluded.

Ровт,	Administrative Officers.	Officers of the Imperial Service,	Officers of the Provincial Service.	Class. G	Date of appointment.	Details of supe intendence and remarks.
Assistant Survey- or-General, Sur- veyor-General's and Mathemati- cal Instrument Offices.	LieutColonel J. R. Hobday, 1,8,0.			Sup.	1st Feb. 4, 97	
Offg. ditto	Bt. Major W. J. Bythell, n.s.			Offg. Sup.	2nd June 13, 98	! !
(Calcutta.)				<u> </u>		<u> </u>
Assistant Surveyor-General, Photographic and Lithogra-	T. A. Pope			Offg. Sup.	2nd June 10, 97	
phic Offices,			•	•		
(Calcutta.)						
Charge of Map, Record and Issue Office.	A. E. Spring .			Offg. D. Sup.	1st Mar. 16, 97	
(Calcutta.)						
Charge of Simla Drawing Office.	Dt. LieutColonel R. A. Wahab, C.I.H., B.H.			Offg. Sup.	1st Apl. 11, 98	
	G.W. E. Atkinson			Offg. D. Sup.	1st Nov. 8, 92	
			W.J. Cornelius .	-	4th Feb. 1,90	
			B. R. Dickinson	· 1	5th Dec. 5, 96	
(Simia.)			F. E. Warde	· ·	2nd May 1,99	

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

Nambs.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	Remarks.
			R a, p.			

HEAD-QUARTERS OFFICES, CALCUTTA.

Correspondence Office.

T, W. Babonau	24 2 44	Registrar .	400-40-600	Aug. 9, 1861	Sep. 1, 1894	
T. A. Milne	5 8 55	Head Assistant	250-10-300	June 20, 1872	Dec. 1, 1892	
F. A. D'Rozario .	3 7 49	Hend Clerk .	200-20-300	Oct. 14, 1874	Dec. 1, 1897	
C. O. Gray	17 2 61	Ditto	250 0 0	Feb. 5, 1879	July 1, 1894	
N. R. Vallis	16 2 50	Ditto	225 0 0	Mar. 5, 1869	Feb. 1, 1892	
6. C. Walker	23 12 65	Ditto	200 0 0	Dec. 21, 1892	Jan. 1, 1897	
J. A. Vallis	11 8 48	Clerk	175 0 0	Apl. 1, 1871	Dec. 1, 1889	Furlough for six months, from 23rd
Kali Pudo Banerjee .	27 10 39	Do	125 0 0	Jan. 1, 1859	Sep. 1, 1885	February 1893. Extension of service to 26th October
Dance Madhub Dancrjee	Apl. 1844	Do	125 0 0	Mar. 20, 1868	Aug. 1, 1886	1898,
Chani Lal Dey	10 5 56	Do	125 0 0	May 17, 1878	Sep. 1, 1894	
Doorga Narain Ghose,	30 11 46	Do	100 0 0	Apl. 5, 1869	Mar. 1, 1886	
Ram Kristo Chunder .	30 9 39	Do	100 0 0	May 14, 1857	Feb. 1, 1889	Extension of service
Rajkrishna Mukerjee .	11 8 49	Do	100 0 0	Aug. 11, 1873	Sep. 1, 1894	to 28th September 1896.

Drawing Office.

						-	_						
W. Stotesbury	•	•	26	7 47	Chief Draftsman	600	0	0	Oct.	4, 1864	May	17, 1897	1
E. P. S. Ilill	•				Hend do								
W.H. D. Ewing,			23	8 57	Draftsman .	325	0	0	Apl.	15, 1878	Mar,	1, 1897	

EUROPEAN DUAFTSMEN.

	<u> </u>	<u> </u>		(<u> </u>
A. J. Musgrove	18 2 58	Ditto	250 0 0			1 ISMN.
W. Green	10 9 39	Draftsman .	300 0 0	Jan. 1, 1862	Jan. 1, 1890	Extension of service to 9th September

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

Names.		Date of birth,	Designation,	Pay of	Po	st.	Date of appointment in Government service.	Date of appointment to present pay.	Rвильке,
				R	a.	p.			
	H	EAD-QU	ARTERS	T T C	IC	E	s, Calcu	TTA-contd.	
			Drawii	og O	ffi	ce	-concld.		
			EUROPBAT	_			=		_
A. S. Bateman . R. Sinclair	•	5 11 57 2 12 61	Drafteman . Ditto .	200	• 0		Dec. 6, 1882 June 1, 1880	Api. 6, 1698	Short-drawn R28, Suspended from office, 4th to 61 April 1898. On d putation to Sian from 12th Me 1898 when he we
N. G. Watson .	- [2 9 74	Ditto .	150	0	0	Nov. 1, 1892	May 12, 1898	in R176 post, On deputation, For est Deputation from 20th Apr 1896. Stort-draw
A. Wilson	٠,	7 7 72	Dicto .	125	0	0	Apl. 10, 1893	May 12, 1898	R25, sub. pro ten.
C. L. Green		27 4 77	Ditto .	100	0	0	Apl. 1, 1893	May 12, 1898	Short-drawn R25.
	,	,	NA	LIAN ()	PAI	TS)	urn.	'	Short-drawn R25.
Parna Chander Sen	•	15 1 54	Draftsman .	120	0	0	July 10, 1877	Apl. 5, 1895	1
Muttyulla		17 8 42	Ditto .	100	0	0	Dec. 29, 1862	July 1, 1890	Extension of service up to 17th Augu
Abdul Ageez .		31 5 43	Ditto .	100	0	0	Sep. 1, 1863	Oct. 1, 1996	1898.
		A dditi	ional Estab	lish	me	n	t, Drawing	Office.	
Vecnnt	•		Draftsmau .	400	0	0	· • • • •		
& B. Smart .	•	27 9 65	Ditto .	300	0	0	Feb. 25, 1885	Feb. 5, 1897	
			Engravi	ng (æ	lce	ə .		
J. Fulford	1	6 7 43	(a) Head Engraver	1			1	Apl. 23, 1891	Extension of service
B. M. Coard .		21 8 58	(a)2nd ditto.	600		Ü	Feb. 1, 1875	Dec. 1, 1896	np to 6th Januar 1858.
A. W. N. James .		21 1 60	(a)3rd ditto.	500		0	Mar. 15, 1878	Oct. 5, 1897	
A. B. Coard	•	3 10 61	(a) 4th ditto ,			·	Ditto .	Ditto •	On furlough out of India for 1 years
E. Earle	.]	21 3 64	(a)5th ditto.	400	0	0	May 1, 1880	Ditto .	1897. Offg. 4th (a) Ro graver.
F. B. C. Scallan .		4 7 70	(b)4th ditto.	250	0	0	Ang. 11, 1883	Ditto .	Offg. 3rd (b) Ed
E. C. Ollenbach .		24 1 61	(a)7th ditto.	300	0	0	Aug. 1, 1879	Apl. 23, 1891	Short-drawn R25.
L. H. Musgrove .		7 4 64	(a)8th ditto.	250		0	July 1, 1882	Dec. 1, 1896	Offg. 6th (a) Es
A. T. Vieux		20 5 71	(b)7th ditto.	125	0	0	Aug. 11, 1884	Oct. 5, 1897	Offg. 6th (*) 80 graver.
A. E. Cann		8 8 75	(b)8th ditto.	100	0	0	Feb. 1, 1891	Ditto	Offg. 7th (b) Be graver.
W. T. Collins .	•	31 10 58	Copper - plate	200			Jan. 6, 1880	Nov. 9, 1895	Minage.
Abdul Wahid .		5 1 48	Printer.	110	0	0	Aug. 1, 1869	Dec. 1, 1890	
loy K risto Shaw .		4 10 48	graver. 2nd ditto .	100	0	0	Ditto .	Aug. 1, 1883	_

⁽a) Under scheme of 1880. (b) Under scheme of 1895.

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

Nambs.	Date of birth.	Designation.	Pay of Post.	Date of appointment in Government service.	Date of appointment to present pay.	Bemarks,
			A o. p.			

HEAD-QUARTERS OFFICES, CALCUTTA-contd.

Photographic and Lithographic Office.

NOBMAL ESTABLISHMENT.

Lithographic Drawing Section.

		Lungrap	mio Drawing i	section.								
B, Fogarty	19 8 69	Head Assistant	400-30-550	Маг. 30, 1897	Mar. 30, 1898	Present pay R430.						
A. J. J. Rodrigues .	17 8 72	Head Drafts- man.	100-10-200	Apl. 1, 1889	Mar. 15, 1897	Present pay R100.						
Ambica Churn Mukerjee	1 1 54	Draftsmen .	120 0 0	July 10, 1878	Apl. 1, 1896							
Abdul Mujiđ	Mar. 1845	Examiner .	100 0 0	Мау 1, 1866	May 1, 1897	Short-drawn R15.						
		Tislamanlia mad	Winner new his	Daintina Seatia								
B. A. LeFranc		Lithographic and Head Printer .	350 0 0	Nov. 15, 1876	May 1, 1896	1						
D. Deas	9 9 55	Chromo-Litho, Printer.	225-15-330	Nov. 29, 1883	Apl. 10, 1895	April 1894 to 9th						
S. U. Ravenscroft .	21 2 69	Asst. ditte .	7 5-10-125	Aug. 1, 1884	Apl. 1, 1897	April 1805. Furlough for 8 months from 8th						
C. Andrews	27 3 66	Machine Print-	75-10-125	Nov. 1, 1892	July 1, 1897	March 1898, Present pay R95.						
Vacant	• • • •	Asst. Zinco- grapher.	75-10-125			ţ						
Type Printing Section.												
E. D'Pyvah	15 3 50	Head Printer .	150 0 0		Apl. 1, 1894	\						
		Photographic, No	aative. and P	rintina Section.								
Vacant.	• • • •	Photographer .	145-15-330	• • • • •		1						
C. J. Meade	28 4 68	Asst. ditto .	75-15-150	Aug. 1, 1884	Oct. 1, 1897							
F. N. Murphy	30 9 73	Ditto .	50-10-100	Apl. 3, 1893	July 1, 1897	Present pay R70.						
		$oldsymbol{Heli}$	ogravure Sect	ion.								
A. W. Turner	19 10 53	Photo-Engra- vor.	800-20-400	May 1, 1885	May 1, 1890	Furlough to Europe for 6 months, from 10th July 1896.						
Vacant		Asst. ditto .	100-10-200									
		Correspondence,	Riorce and A	conunt Resting								
Kanny Lali Sen	27 5 52			May 26, 1873	May 1, 1898	Present pay #140.						
A. B. Carville	23 10 71	Head Clerk and Acett.	100 0 0	Apl. 5, 1897	July 1, 1897							
	1			1								

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

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

HEAD-QUARTERS OFFICES, CALCUTTA-conold.

Photographic and Lithographic Office-concld.

CADASTRAL ESTABLISHMENT.

Photographic Section.

H, Haward .	•		10 2 50 Head Photo.	400-20-500 Nov. 16, 1883	Nov. 16, 1892	Furlough from 25th February 1894 to 9th January 1895,
B. George .	•		5 5 46 Photographer .	145-15-330 Feb. 1, 1876	Mar. P, 1893	
L. Lagnier .			1 7 50 Ditto .	150-10-200 Ditto .	Ditto.	
T. Lloyd .		.	7 11 54 Ditto .	150-10-200 July 16, 1873	Apl. 1, 1898	

Zinc-Printing Section.

F. R. Vandyke	•	1	28	9 65	Zincographer .	145 to 330	Aug.	1, 1880	Ang.	1, 1897	Inclusive of house- rent R30. Present pay R250.
J. B. Mackensie		\cdot	16	4 65	Ditto .	145 to 330	Oct.	1, 1880	May	-,	Inclusive of house- rent R20.
P. C. Michael			31	8 70	Aset, ditto .	75-10-125	Sep.	1, 1884	Apl.	1, 1897	Present pay R170.

Mathematical Instrument Office.

WORKSHOP SECTION. B.A.S., 11 1 45 | Mathematical | 600-30-750 | Sep. 16, 1867 | Nov. 11, 1879 | Exclusive of personal allowance R100.

London,	11 1 40	Instrument- maker.	000-30-130	Sep.	10, 1007		11, 10.0	al allowance R100.
T, R, Theakston	26 12 68	Assistant Mathematical Instrument- maker.	350 -80-50 0	Oct.	10, 1892	Nov.	1, 1897	Present pay B470 .

						Сов	BB#	PONDENOS S	BCTION	,				
₩. Campaguao	•	•	21	9 58	Head	l Clerk	•	150-10-200	Apl,	1, 1882	Jan.	1,	1896 I	Furlough to Europe for 12 months from 12th April 1892.
W. B. Tailoch			1	10 69	2nd	ditto		75-5-100	Apl.	1889	Jan.	1	1898	Present pay Res,

STORE SECTION.

M. C. Belletty		15 4 53	Store-keeper	\cdot	150	0	0	Apl,	15,	1878	Jan.	1,	1895	ĺ
	- 1			- 1							1			1

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

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

TRIGONOMETRICAL BRANCH OFFICE, DEHRA DUN.

	Computing Section.												
Amba Prasad	3 7 45	Computer .	150 O Q	July 26, 1865	Mar. 1, 1898	1							
Shoshi Dhooshun Shome	13 7 49	Ditto .	130 0 0	Api. 15, 1872	Sep. 1, 1892								
Shiv Nath Saha	30 9 50	Ditto .	130 0 0	Nov. 26, 1873	Sep. 1, 1892								
Umblea Churn Shome .	1 7 43	Ditto .	110 0 0	Feb. 8, 1867(a)	Mar. 1, 1896	(a) Date of appointment to Educational Department, Joined Computing Office, Survey of India, 10th April 1868.							
		Photo-	zinco Sectio	n.									
Vacant	1	Zincographer	250 0 0	1		1							
G. A. LeFrano	27 4 67	Asst. ditto	175 0 0	Aug. 1, 1884	Mar. 1, 1897	Short-drawn R30. Ofig. Zincogra- pher.							
Mizali Lal	31 150	Accountant .	140 0 0	Feb. 14, 1872	Mar. 1, 1896	1							
		Correspo	ondence Secti	on.									
J. Burbridge	18 10 59	Head Clerk .	150 -20-2 50	Jan. 16, 1879	Dec. 1, 1897								
			ographic Sec										
B. W. Foster	22 1 69	Asst, Solar Photographer.	150 0 0	Nov. 3, 1884	July 2, 1897	Sub. pro fem. Short-drawn A80.							

DRAWING OFFICE, SIMLA.

											•				
H, Sindon	•	•	•1	3	12 48	Draftsman	• 1	175	Ō	0	Jan.	1, 1865	May	12, 1898	Sub. pro tem. Short-drawn R30.
Jafir Khan	•	•	•	1	3 50	Ditto	٠.	100	0	0	Deo.	1, 1862	Nov.	1, 1893	
P. Rosario	•			23	3 50	Surveyor		110	0	0	Мау	28, 1873	Nov.	1, 1893	
			!			<u>) </u>	- 1								

Disposition List of Officers of the Survey of India

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No. of Party.	Locale and nature of operations.	Admin- istra- tive Superin- tendent.	Officers of the Imperial an Services.	d Provincial	Class.	Grade,	Date of appointment to Party.
2 4 8	NW. P. and Oudh (Traverse.)	D.S.G. Bev.	J.S. Pemberton	• • •	Ofig.	1st	Nov. 1, 94
	(212101501)]	W. S. Buttress		D. Sup. E. A. Sup.	1st	Nov. 17, 95
		1	H. T. Hanby		E. A. Sup.	2nd	May 1, 98
		1	R. B. Smart		E. A. Sup.	3rd	Oct. 20, 96
	1	l	J. McHatton		E. A. Sup.	4th	Sep. 1,97
			T. Shaw		E. A. Sup.	5th	Jan. 18,98
]	J. Murphy		E. A. Sup.	5th	Oct. 13, 96
		1	Aulad Hussein		S. A. S.	2od	Nov. 28, 96
		į.	O. C. Ollenbach		S. A. S.	2nd	Nov. 10, 97
			Amar Singh		S. A. S.	2nd	June 1,98
		l .	Jegadamba Prasad		S. A. S.	3rd	Nov. 17, 96
		ĺ	C. A. O'Donel		B. A. S.	3rd	Nov. 1,97
		,	C. S. Littlewood		8. A. S.	3rd	Jan. 1,98
	Recess quarters, Massocree) (Permanent . Temporary	 Establishme ditto	nt .	! • • • •
		1				1	
3	Upper Burma (Cadastral.)	D.S.G. Rev.	E. J. Jackson	• • •	Bup.	1st	Nov. 3, 97
		1	E.G. Little	• • •	E. A. Sap.	let	Nov. 1, 95
•		1 :	J. Counor	• • •	E. A. Sup.	3rd	Feb. 1,90
			G. C. Swiney	• • •	E. A. Sup.	5th	Jan. 1, 95
			M. Gastand	• • •	E. A. S.	6th	Nov. 15, 97
		1 .	W. J. Baker	• • •	S. A. S.	1st	Jan. 25, 88
		[W. Newland	• • •	8. A. B.	2nd	Sep. 11, 93
]	Himansu Kumar Boy	• • •	S. A. S.	3r d	Nov. 29, 95
		1	E. G. Hardinge	• •	S. A. B.	3rd	Nov. 25, 96
	Recess quarters Mandalay			Permaneu Temporar	l Establishn ditto	ent.	:::
4	Bibar	Jupdt.	Capt. B. T. Crichton, 1.s.c.		D. Sup.	1st	Oct. 21, 96
	(Cadastral.)	Settle- ment	H. Dowman		E. A. Bap.	1st	Bept. 20, 97
		Sys., Bengni	A, W, Smart		E. A. Sup.	5th	Oct. 1, 94
	1		C. S. Kraal		E. A. Sup.	6th	Oct. 1,93
	•		E. F. Berkeley		T . a	6tb	Nov. 1, 97
	1		T. W. Babouau (Jr.) .		8 A.S.	1et	Dec. 9, 97
	1		C. S. Gasper		8, A. S.	1et	Oot. 1, 94
	1.4		Nilmoni Chatterjee		S. A. B.	2nd	001. 1, 85
1	137		P. L. Causley		8, A, S.	2nd	Nov. 23, 91
	Recess quarters, Mussooree.]	Permanent	Establishm	ent .	

Department attached to Field Parties, 1st July 1898.

	Rubondin	TATE ESTAB	LISHMBNT.							
Surveyors Sub- Survey- ors, Field Survey- ors, etc.	Field mators, Carriers. ants. Peons.			dazes and	Budget Estimate for 1698-99.	Banases.				
					Rs.					
						Temporarily attached to No. 4 party.				
27 25	17 33	52 720	1	25 2	} 1,45,500					
				-						
		ļ								
•••	•••	• • •	• • •	• • •	• • • •	On Medical leave for 9 months, from 18th June 1998.				
16 86	15 49	184 323	1	11 12	} 2,23,530					
						N. S. Carlotte				
						• 				
						Destruction of the second of t				
747	12 32	33 1,152	2	24	2,22,540					

Disposition List of Officers of the Survey of India Department

io. of rty.	Locale and nature of operations.	Admin- Istra- tive Superin- tondent.	Officers of the Imperial and Provincial Class. Grade.	Date of appointment to Party.
6	Assam (Topo, and Traverse.)	D. S. G. Rev.	Capt. C. W. H. Symonds, r.s.c Offg. D. 1st Sup. E. A. Sup. 5th S. Bell S. A. S. 1st	Aug. 25, 9 June 5, 9 Nov. 1, 9
	Recess quarters, Shillong.		Permanent Establishment . Temporary ditto .	
7	Lower Burma (Cadastral.)	D, S, G, Rev,	B. G. Gilbert-Cooper D. Sup. 1st W. C. Price 2nd G. W. Jarbo	Nov. 27, 8 Dec. 1, 8 Nov. 1, 8 Oct. 1, 9 Oct. 28, 6
	Recess quarters, Rangoon		Permanent Establishment . Temporary ditto .	
19	Madras (Topo, Forests.)	D. S. G. Rev.	Capt. H. A. D. Fraser, B. B Offg. D. Sup. E. A. Sup. 2nd H. Todd	Apl. 23, 5 Nov. 1, 6 Oct. 1, 7 Oct. 1, 1 Sep. 9, 1 Nov. 1, 5 Oct. 30, 6 Oct. 26, 6
				İ.

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

						1
			LISHMENT	·.		
Surveyors, Sub- Survey- ors, Field Survey- ors, etc.	Draftsmen, Compu- ters, Esti- mators, etc.	Flagmen and Carriers.	Hospital Assist- ants.	Burkun- dazes and Peons.	Budget Estimate for 1899-99.	Rymarts.
					Re.	
22. 4	9	25 389	1	12	} 86, 4 00	
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12	7	051				
109	53	251 520		18	2,04,830	
	1					
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,						
	·	,				
19 42	3 4	84 372		21 	} 1,61,050	·

Disposition List of Officers of the Survey of India Department

No. of Party.	Locale and nature of operations.	Admin- istra- tive Superin- tendent.	Officers of the Imperial and Provincial Class. Grade.	Date of appointment to Party,
10	Upper Barms (Topo.)	D. S. G. Topo.	Lt. W. M. Coldstream, B. B	Nov. 1, 97 Nov. 7, 96 Oct. 1, 96
	Recess quarters, Bangalore,		P. J. Serrao J. A. Freeman Permanent Establishment Temporary ditto	Nov. 14, 96 Nov. 23, 91
11	Upper Burma (Topo.)	D. S. G. Topo.		May 12,90 Oct. 1,92 Oct. 20,96
	Recess quarters, Bangalore		Permanent Establishment Temporary ditto	Oct. 1, 92
12	Sind (Topo.)	Supdt., Trig. Sys.	C. F. Erekine D. Sup. 1st G. G. Vander-Beek E. A. Sup. 5th R. F. Warwick 6th J. Smith	Oct. 9,97 Oct. 28,95 Nov. 1,95 Oct. 29,95
••	•		Rahmatulla	Nov. 22, 96 Dec. 17, 96 Oct. 21, 97
	Recess quarters, Karachi .		Permanent Establishment Temporary ditto	
14	Luehai (Topo.)	n. s. g. Topo,	J. Keating E. A. Sup, 6th E. A. Sup 6th	Oct. 1, 99 Oct. 1, 95
-	Recess quarters, Shillong.		Permanent Establishm Temporary ditto	ent

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

	SUBORDINA	TR ESTABL	ISHMENT.			
	Draftsmen, Compu- ters, Esti- mators, etc.		Hospital Assist- ants.	Burkun- dazes and Peons.	Budget Estimate for 1698-99.	Remarks.
ا					Re.	
12 3	1	45 163	1	4 	} 1,01,190	
						In temporary charge.
19	1	3 4 162	1 	4	} 1,21,880	
39	13	109 460		12 5	} 1,05,720	
• • •						In temporary charge.
	1	89	1	14		
-		63			1,30,010	

Disposition List of Officers of the Survey of India Department

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No. of Party	Locale and nature of operations.	Admin- istra- tive Superin- tendent	Officers of the Imperial and Provincial Class. Grade. ap	Date of pointment o Party,
16	Raluchistan (Topo.)	D. S. G.		1. 4,98
	(1000.)	Topo.	Lt. F. W. Pirrie, 1.8,C Offg. D.S. 2nd Det	c. 23, 97
			T. E. M. Claudius E. A. Sup. 1st Oo	t. 1, 83
		1	E. A. Wainright	. 1,89
		ļ	G. A. Knight E. A. Sup. 5th No	v. 1,95
		Ι.	G. P. Tate E. A. Sup. 6th Oct	. 16, 95
	•		Yusuf Sharif, Khan Bahadur S. A. S. 1st Apl	. 1,89
			Hira Singh, B.B.	y 5,98
1		i i	M. C. Petters	
l I			[v. 24, 96
1			Ahmed Ali Khan, R.B 3rd Dec	. 21, 97
	Recess quarters, Quetta.	}	Permanent Establishment Temporary ditto	
	\	<u> </u>		
17	Dombon	D 7 6	0.4 0.7 0.1	. ė mo
*′	Rombay (Topo. Forests.)	D. S. G. Topo.		19 6,96
- 1		1		7. 13, 93
ļ			S. F. Norman E. A. Sup. 6th Sep	
]]	C. A. Norman E. A. Sup. 6th Oct	. 12,74
			Permanent Establishment .	• 1
	Rccess quarters, Poona.	1	Temporary ditto .	
18	Illmalaya	Sapdt,	L. J. Pocock E. A. S. lat Aug	, 17, 97
	(Topo.)	Trig. Sye.	C. D. Potter E. A. Sup. 4th Nor	. 1,87
ĺ			W. Bobert E. A. Sup. 5th Sep	. 1,70
1			G. E. Parker E. A. Sup. 5th Jan	. 4,68
í			TO COLUMN	
ļ			W. M. G. Ond Sep.	19, 98
			E. J. Biggie	24, 96
ľ			S. U. Diggie	. 11, 05
ĺ	Recess quarters, Simia.	1	C. B. C. Bienell	
==				
20	Burma	D. S. G.	Lt. A. H. B. Hume, B. B Offg. 2nd Oot.	1, 17
	(Topo. Forests.)	Rev.	C. W. Wilson	16, 9
ļ		Í		. 2L 0
}			a. design	1, 60
	i			3, 80
1			ILI AI CHAILIEL	
ł		İ		1
- 1	Recess quarters, Bangalore.		Permanent Establishment Temporary	
-			Available of the second of the	

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

	SUBORDINATE ESTABLISHMENT.		LISUMBNT	•			
inrveyors, Sub- Survey- ors, Fleid Surveyors,	Draftsmen Compu- ters, Esti- mators, etc.	Flagmen and Carriers.	Hospital Assist- ants.	Burkun- dazes and Peons.	Budget Estimate for 1898-99.		Bruades.
eru.						Rs.	
) 			
		,			 		
23 	1	162 85	1	6	}	1,25,940	
18 25	3	138 123		11	}	78,000	
• • •					1		In temporary charge.
						DO 170	
25	25	252	1	20	<u> </u>	83,170	
29 10	4	95 620	2	11	13	1,67,040	

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

		Admlı				Department				LIGHMENT.			
No. of Party.	Locale and nature of operations.	istra- tive Superio tenden	Officers of the Imperial and Provincial Services.	Class.	Grade,	Date of appointment to Party.	Barveyors, Sub- Survey- Sarveyors Surveyors	Draftsmen. Compu- tera, Eati- mators, etc.		Hospital Assistants,	Burkun- dazes and Peons.	Budget Estimate for 1898-99.	Bemarks.
21	Upper Burma (Topo.)	D. S. G Topo.	J. M. Kennedy	Offg. D. Sup. E. A. Sup. E. A. Sup. S. A. S. S. A. S.	1st 3rd 3rd	Oot. 1, 97 Nov. 1, 93 June 28, 97 Oct. 21, 91 Oct. 23, 97 Nov. 27, 96	7	1	63	1	4	Re.	
	Recess quarters, Bangalore.		Temporary	ditto	•		5	1	126	·••		<i>f</i> 1,10,520	
22	India (Astronomical,)	Supdt., Trig. Sys.	**	Offg. Sup. Offg. D. Sup.		Mar. 16, 97 Oct. 12, 97			• • •			• • •	On special leave for 3 months, from 24th May 1898,
	Recess quarters, Mussoores.				1			1	3 6			33,290	
	India. (Astronomical.) Recess quarters, Mussooree.	, , , K.	77	Mg. Sup.		Mar. 16, 97 Nov. 15, 96	*"	1	36			12,830	
24	Baluchistan (Trlangulation.)	1 F1 67	S. HIONIE		4th	lug. 2, 97 let. 1, 88 ep. 15, 93			• • •				In temporary charge.
1	Recess quarters, Mussooree.	l						<i>\</i> \$	214	1	17	1,00,580	
26	ndia (Tidal and Levelling.)	Sys.	J. P. Belcham E. J. Connor E. E.	A. Sap. Supy.) A. Sup.	1st 36 3rd D	ay 6, 68 ep. 1, 79 eo. 1, 77	• • •						In charge.
R	ecess quarters, Poons		P. Barker	Offg. A. S.	6th Ja	n. 2, 77	-"	13	33		7	96,450	
e- oh- nt.	China-Burma Boundary Delimitation Commission,		Capt. T. F. B. Renny-Tailyour, B. R. Offickbaluddin	· · · · · · · · · · · · · · · · · · ·		ov. 8, 17		6	67			•••	On probation.
								1					

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

Officers of the Imp Service.	erial	Officers of the Provincial Service.	Class.	Grade.	Govt. or Dept. to which transferred.	Date of deputation.	Bemares.
On Deputation							
W. H. Reynolds]	Offg. Sup.	1st	Forest Department.	Jan. 1,71	
B. F. Litchfield			D. Sup.	2nd	Ditto	Oct. 16, 76	On furlough.
B. Scott .] .	Sup.	2nd	NW. Provinces.	Dec. 14, 94	
		T. S. Marten .	E. A. Sup.	6th	Forest Department.	Mar. 14, 74	•
		J. Marten	E.A.Sup.	6th	Ditto	Oct. 22, 75	
		B. R. Hughes .	S. A. S.	let	Ditto	Oct. 15, 97	
		A. Descubes .	S. A. S.	1st	Ditto	Jan. 18, 87	
	l	J. H. Nichol	8. A. S.	1st	Ditto	Dec. 16, 88	
		C. Litchfield .	S. A. S.	2nd	Ditto	Nov. 14, 88	
		*J. H. O'Donel .	E. A. S.	3rd	Assam	Nov. 4, 92	-
		*C. P. Torrens .	E. A. S.	5th	Burma	Oct. 1,89	
		*P. Beechey .	E.A. S.	6th	Ditto	June 8, 90	
		*W. E. Johnson	S. A., S.	1st	Ditto	Nov. 7, 95	
		*J. A. T. Had-	S. A. S.	1et	Ditto	Oct. 16, 91	
		*C. G. S. Wood.	S. A. S.	let	Ditto	Apl. 1, 94	
		*H. B. Powell .	8. A. S.	2nd	Ditto	Nov. 20, 95	
		*J. R. Scott .	E. A. Sap.	4th	Central Provinces.	Dec. 8, 87	
		*T. H. Dunns .	E. A. Sup.	4:h	Egypt	Jap. 1, 97	
		L. F. Berkeley .	E, A.Sup.	6th	NW. Provinces.	Nov. 1, 96	
		*P. C. H. Smart.	E. A. Sup.	6th	Ditto	Oct. 15, 95	
		*O. D. Smart .	E. A. Sup.	6th	Ditto	Nov. 12, 95	
		*N. Bedford ,	8. 4. 8.	1st	Ditto	Nov. 1,94	
		*W. Skilling .	8. A. S.	1 et	Ditto	Nov. 30, 94	
		F. B. Powell .	8. A. B.	18t	Ditto	Oct. 3, 96	
		C. H. G. Johnson	S. A. S.	1st	Ditto	Nov. 5,96	
		J. H. Marphy .	8. A. S.	1et	Diţto	Oct. 1,97	
		G, Hae	S. A. S.	1st	Ditto	Oct. 1, 97	
		C. G. Lee '	5. A. S.	1st	Slam	• •	
		F. P. Walsh	8. A. S.	1st	Ditto	• • • •	
		H. W. Biggie	8. A. S.	2nđ	Ditto	Apl. 2, 98	
		imam Sharif, E.B.	S. A. B.	2nd	Zanzibar	Mar. 5, 97	

[•] Names in Italics are seconded.

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

Officers of the Imperial Service.	Officers of the Provincial Service.	Class.	Grade.	to	or Dept. which asferred.	REMABES.
On Fourlough, etc. Col. J. E. Sandeman, I.S.C. Lt. Col. St. G. C. Gore, B.B. Major F. B. Longe, B.B. Capt, J. M. Fleming, I.S.C. E. F. Litchfield		D. S. G. Rev. Sup. Sup. D. Sup.	lst 2nd lst 2nd			For I year and 125 days, from 1st May 1897. For 6 months, from 26th April 1898. For 6 months from 6th May 1899. For 1 year and 7 months, from 13th November 1897. For 9 months, from 24th June
Capt. J. M. Burn, R.B.		D. Sup.	2nd 2nd	•	· ·	1897. Extension for 1 year and 3 months. For 2 years, from 12th April 1898.
Capt. C. H. D. Ryder, B.E.	T. H. Rendell	D. Sup. E. A. Sup.	2nd 2nd		• •	For 2 years, from 20th March 1897. For 1 year, from 27th March 1898.
	R. C. D. Ewing. E. G. Hardinge.	E. A. Sup. S. A. S.	4th 8rd		• •	For 9 months, from 13th April 1998. For 3 months, from 16th June 1898.

STATEMENT OF SERVICES

OF

OFFICERS IN THE SURVEY OF INDIA.

IMPERIAL SERVICE. Corrected up to 1st July 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Dún .	Sub-Asst., 3rd class, Great Trigonometrical Survey, at- tached to the Office of the Supdt., Great Trigl. Survey of India	1st Ang. 1859		10.7
Dehra Dún and Kashmir	Ditto ditto, Kashmir Series	lst Feb. 1860		•••
Punjab and Dehra Dún,	Ditto ditto, Gurhagarh Meridional Series	1st Nov. 1860		•••
Central India and Mussoo- ree.	Ditto ditto, Rahun Meridional Series	1st Mar. 1862		***
Ditto .	Ditto, 2nd class, ditto .	18th Mar. 1862		•••
	Privilege leave for	3 months, from 1	1st May 1863.	
Calcutta . Gastern Ben-	Sub-Asst., 2nd class, Astronomical Party No. 1 Ditto ditto, East Cal-	1st June 1863		•••
gal and Cal-		1st Feb. 1864	••••	Set 1
	Privilege leave for 1 m	onth, from 14th	September 1864.	
Calcutta and Mussooree. Central Prov- inces and	Sub-Asst., 2nd class, Astronomical Party No. 1 Ditto, 1st class, Astronomical Party No. 1	1st Nov. 1864		***
Mussoorce. Ditto	mical Party No. 1 Ditto, 2nd grade, Astronomical Party No. 1		******	100
	Privilege leave for 1 1		September 1566.	
Kumaon and Mussooree.	Sub-Asst., 2nd grade, Kumaon			***
	Privilege leave for 22 d	aus from 15th	Sentember 1867.	
Ditto	1			
•	Sub-Asst., 1st grade, Kumson and Garhwal Party	1st Sept. 1869	,	,

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Kumaon and Mussooree.	Asst. Surveyor, 1st grade, Kumson and Garhwal Party	1st Sept. 1869	•••••	***
Mussooree and	Ditto ditto ditto .		Persnl. Asst. to Supdt.,	
Dehra Dun . Ditto .	Surveyor, 4th grade Debro	lst Apl. 1871	Great Trigl. Survey Ditto ditto	1st Apl. 1870.
Dehra Dún .	Ditto ditto, Dehra Drawing Office	1st Sept. 1871	••••	•••
	Privilege leave for 2 n	nonths, from 25t.	h August 1873.	
Dehra Dún 🕠	Surveyor, 3rd grade, Dehra Drawing Office	1st Jan. 1874	••••••	•••
	Privilege leave for 1	9 days, from 1st	July 1878.	
	Privilege leave for 3 n	nonths, from 17t	h March 1879.	
Dobra Dúu	Surveyor, 2nd grade, Dehra	1	1	
Ditto .	Drawing Office Ditto, 1st grade, ditto .	7th Jan. 1881 10th Nov. 1884	••• 5	***
	Privilege leave for 1 month of	and 15 days, from	n 16th September 1885.	
	Privilege leave for 2			
Simla	Surveyor, 1st grade, Simla	1	1	
Ditto .	Drawing Office Extra Asst. Supdt., 1st grade,	1st Feb. 1890		•••
Ditto .	Simla Drawing Office Asst. Supdt., 2nd grade, in charge	18th Aug. 1892		•••
_	Simla Drawing Office .	8th Nov. 1892	Asst. Supdt., 1st grade	
Ditto . Ditto .	Ditto ditto ditto . Ditto ditto attached	***	Asst. Supat., Ist grade	2000 Apr. 100
D'II	to ditto	14th Aug. 1893	Ditto ditto .	•••
Ditto . Ditto .	Ditto ditto ditto . Ditto, ditto in charge	30th Oct. 1893	*****	•••
	ditto	16th Nov. 1893		,,,,
Ditto .	Ditto, ditto attached to ditto	13th Apl. 1894		
Ditto .	Ditto ditto ditto	•••	Asst. Supdt., 1st grade	8th May 189
Ditto .	Ditto ditto ditto . Ditto ditto ditto .	30th Nov. 1894	Asst. Supdt., 1st grade	20th Mar. 1898
Ditto .	Privilege leave for 3	months, from 9th		1 20011
Simla	Asst. Supdt., 1st grade	,		
	attached to Simla Drawing	5 . 25th Dec. 1895		,
Ditto	Ditto ditto ditto		Dy. Supdt., 2nd grade	6th July 189
Ditto .	Ditto ditto ditto	. 1st Aug. 1896	Dy. Supdt., 2nd grade	l
Ditto . Ditto .	Ditto ditto ditto . Ditto ditto in charge.	•••	Dy. Supat., 2nd grade	10011 2.127
Divid	ditto	30th Sept. 189	Ditto ditto .	
Ditto .	Ditto ditto attached		Ditto ditto .	,,,
	Privilege leave for 1 month	. 24th Dec. 1897		, , , , , ,
6:-1-			I	1
Simla	Asst. Supdt., 1st grade, in charge, Simla Drawing Office	2nd Mar. 1898	Dy. Supdt., 2nd grade	•••
Ditto .	Dy. Supdt., 2nd grade, ditto	, 15th Apl. 1898		27th May 189
	Ditto ditto		Dy. Supdt., 1st grade	MIOT WAS THE
Ditto . Ditto .	Ditto ditto	6th June 1898	al * ·	19th June 189

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
•••	2nd Lieut., R.E	17th Oct. 1890		
On duty a	School of Military Engineering	g, Chatham, fr	om 1st April 1890 to	October 1893.
Cork Harbou	Posted to No. 83 (Submarine Mining) Co., R.E.	Oct. 1892	In charge Mily. Tele-	
***	******	•••	graphs Cork Harbour	Feb. 1893.
Cork Harbou		17th Feb. 1893	6	•••
Ditto Bombay	Embarked for India on being posted to the Indiau establishment	26th Feb. 1894	,,,,,,	• •
Ditto	Military Works Department. Posted to No. 2, Section I. S.M.	23rd Mar. 1894		•••
Ditto	Co., R.E	12th Dec. 1894	•••••	149
	Section I. S. M. Co., R.E			***
	Privilege leave from 15th S	leptember 1895 i	to 14th October 1895.	
Karaohi	Officer Commanding No. 1 Section, I. S. M. Co., R.E.	1st Jan. 1896	******	
Ditto	Assistant Engineer, 1st grade, Military Works Department.	1st Apl. 1896		***
Dehra Dun	Assistant Superintendent, 2nd grade, attached to No. 22	250 14 11 2000		•••
Mussoorie	(Astronomical) Party, Survey of India Department Assistant Superintendent, 1st	12th Oct. 1897	*****	•••
	grade, ditto .	15th Apl. 1898		***
l)ehra Dun	Special leave for 3	months from 2	4th May 1898.	
	Asst. Supdt., 1st grade, attached to No. 22 (Astrol.) Party		Dy. Supdt., 2nd grade	27th May 1898.
Ditto Ditto	Ditto ditto ditto .	6th June 1898 	Dy. Supdt., 2nd grade	19th June 1848

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Dato.
		17th Feb. 1886		•••
Lucknow	Posted to the Indian Establishment	23rd Feb. 1888		•••
Madras	Asst. Engr., 2nd grade, Militury Works Dept. Ditto, ditto, P. W.	4նի Apl. 1888		***
Baluchistan and	Dept., State Rys. Asst. Engr., 2nd grade, Zhob	8th Oct. 1889		•••
M	Survey Asst. Supdt., 2nd grade.	31st Oct. 1890		•••
Ditto .	Survey of India, attached to Computing Party Ditto ditto, attached to	17th May 1891		•••
Burma	No. 24 Party (Upper Burma) Ditto ditto ditto.	12th Oct. 1891 	Asst. Supdt., 1st grade	1st Apl. 1892.
	<u> </u>		 	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Privilege leave for 3	months, from 13	Sth July 1892.	
Burma	Asst. Supdt., 2nd grade, attached to No. 24 Party (Upper		1	
	Burma) Ditto, ditto in charge ditto Ditto, 1st grade, ditto	6th May 1893		
	Elected for continuous		,	,
	Special Examination leav	•		
Assam	Asst. Supdt., 1st grade, in charge No. 24 Party (Upper Burma)	100	Dy. Supdt., 2nd grade	28th Apl, 1895
	Promoted to	Captain, 9th Apr	il 1896.	
Baluchistan .	Dy. Supdt., 2nd grade, in charge No. 24 Party (Baluchistan).	12th Dec. 1896		
Privilege leave	for 3 months, from 16th April 1	897; overstayed	by 4 days, from 16th to	19th July 1897.
Baluchistan .	Dy. Supdt., 2nd grade, in charge No. 24 Party	16		
Ditto . Ditto .	(Baluchistan)	22nd Nov. 1897.	Dy. Supdt., 1st grade Dy. Supdt., 1st grade	
	Furlough for 2 year	ara, from 12th A	<i>lpril 1898.</i>	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Lieutenant, Royal Engineers .	6th Apl. 1879	*****	100
•••	Joined at Chatham	2nd June 1879	******	•••
•••	Asst. Secy. to Ordnance Com-			
	mittee for Gunnery Experiments Posted to the Indian Establish-	3rd Apl. 1881		***

	ment	8th Dec. 1882	141 **1	***
1	Attached to Bengal Sappers and Miners	10th Jan. 1883	***	***
Quetta	• Attached to P. W. D., Military Works, Baluchistan	24th Mar. 1883	*****	, ,,,,,,
Ditto .	Personal Asst. to Supdg. En-			1
	gineer and Secy. to Governor General's Agent for Baluch-			
Dehra .	istan Asst. Supdt., 2nd grade, Survey	2nd Apl. 1883	*****	***
Dema .	of India, Trigonometrical	0 1 0 4 1004	Asst. Supdt., 1st grade	2nd Sept. 1884
•••	Branch Office	2nd Sept. 1884	Asst, Supat., 18t grade	
	(Astronomical I), (Electro-			
	Longitude Operations) .	9th Oct. 1885	*****	··· ,
•••	Ditto ditto in charge			
	ditto	24th Jan. 1886		•••
***	Ditto, 1st grade, ditto .	10th Mar. 1886	Dy. Supdt., 4th grade	21at Mar. 1886
•••	Ditto ditto ditto .		Dy. Supdt., 4th grade	2100 250

Stal	ion. Substantive Appointment.	Date.	Officiating Appoin ment.	t- Date.
	Asst. Supdt., 1st grade, in charge Nos. 22 and 23 Party (Astronomical II)		6 Dy. Supdt., 4th grad	le
	Ditto ditto ditto . Ditto ditto ditto . Ditto ditto ditto .	14th May 188 24th Cct. 188	Dy. Supdt., 4th grad	le 15th May 1887
	er charge of No. 23 Party (Astronomi		ctober 1887, and that	of No. 22 Party
•	Asst. Supdt., 1st grade, doing duty in the Trigonometrical			İ
!	D:440 d:440 d:440	1st Nov. 1887 12th Nov. 1887	Dy. Supdt., 4th grad	e 4th Nov. 1887.
••	Ditto ditto ditto . Ditto ditto in charge		Dy. Supdt., 4th grad	e 15th Feb. 1888.
••	Asst. Supdt., 1st grade, in charge No. 23 Party (Astro-	10th Apl. 1888	Ditto ditto	•••
11	nomical II) Ditto ditto ditto and	14th July 1888	Ditto ditto	•••
	in charge No. 22 Party (Astronomical I)	17th July 1888	Ditto ditto	
	Made over charge of both	parties on 1st 1	November 1888.	
•••	Asst. Supdt., 1st grade, attach- ed to Computing Party	23rd Feb. 1889	Dy. Supdt., 4th grade	
	Promoted to C	aptain, 1st Apri	il 1889.	
H1	Asst. Supdt., 1st grade, in charge Nos. 22 and 23 l'arties Ditto ditto ditto and	3rd May 1889		464
•••	Dy. Supdt., 4th grade, in	11th June 1889	*****	***
10.0		8th June 1889		
Made ove		ia) on 19th Aug n 1st October 18	ust 1889, and of No. 2 389.	3 Party (Astro-
***	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical I)		Dy. Supdt., 3rd grade	27th Aug. 1890.
	Made over charge of No. 22 Party	(Astronomical I) on 22nd October 1890	o .
	Furlough to Europe on medical certi	ficate for 1 year	r, from 2nd November	1890.
*11	Dy. Supdt., 4th grade, in charge No. 22 Party (Astronomical I)	2nd Nov. 1891	Dy. Supdt., 3rd grade	2nd Nov. 1891.
Mussooree	Ditto ditto ditto and Computing Party	4th May 1892	Ditto ditto	•••
	Made over charge of Comp	uting Party on	8th August 1892.	
Mnaaooree Ditto	. Dy. Supdt., 2nd grade, in charge No. 22 Party (Astronomical I) Ditto ditto ditto and No. 23 Party	8th Aug. 1892	Dy. Supdt., 1st grade	18th Aug. 1892.
	(Astronomical 11) 5 Made over charge of No. 23 Party (th Sept. 1893 Astronomical II	Ditto ditto On 6th November 189	 3.
====	Taue over charge of two, 25 Party (

Station.	Substantivo Appointment.	Date.	Officiating Appoint- ment.	Date.
Mussoorce Ditto Ditto	No. 22 Party (Astronomical I) Ditto ditto ditto and No. 23 Party (Astronomical II)	13th Jan. 1894	Dy. Supdt., 1st grade	 3rd Apl. 1894,
	Made over charge of No. 23 Party	(Astronomical)	II) on 18th September 1	894.
Karachi Ditto	. Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical I) Ditto ditto ditto.		Supdt., 2nd grade	28th Mar, 1896,
Furope and	Asia Electro-Telegraph Longitud connecting Greenwich and M	le operations in Iadras, Novembe	England, Germany, ar r 1894 to April 1896.	d Persia, for
	Special leave for 1 a		_	
Dehra . Ditto	Dy. Supdt., 1st grade, in charge No. 22 Party (Astronomical I). Ditto ditto ditto	16th May 1896	Supdt., 2nd grade Ditto and Supdt., Tri- gonometrical Surveys	 18th May 1896
Ditto Mussoorie	No. 23 Party (Astronomical II) Ditto ditto ditto .	28th May 1896 5th Oct. 1896	Ditto ditto	***
Ditto Peer s Ditto	Ditto ditto ditto nud No. 25 Party (Tidul and Levelling) Ditto ditto ditto	 16th Dec. 1896 18th Jan. 1897		13th Oct. 1896.
Made or	er charge of Nos. 22 and 23 Parti	es (Astronomica	l I and 11) on 1st Febru	ary 1897.
Poona .	Dy. Supdt., 1st grade, in charge No. 25 Party (Tidal and Levelling)	***	Supdt., 2nd grade	4th Feb. 1897
	Elected for continuous	Indian Service,	7th June 1897.	
		o Major, 31st Au	*	
Privilege l	eave for 3 months, from 9th July t			d October 1891.
Page	On duty in Egypt from 29	=	13th Uclobar 1897.	(
Poona . Dehra .	Supdt., 2nd grade, in charge No. 25 Party (Tidal and Levelling) Ditto ditto		Supdt., Trigonome- trical Surveys .	 26th Apl. 188
				2.

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
***	Lieutenant, Royal Engineers	•	•	,,,
	S. rned in South Africa, 14th No	rember 1884 to	22nd September 1880.	

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
vot Vinkon	Posted to the Indian Establishment Attached to Bombay Sappers	2nd Sept. 1886		
Kirkee	and Miners	23rd Oct. 1886		
Qaetta	Asst. Engineer, 2nd grade, Sind-Pishin State Ry.	20th July 1887	•••••	
Kach-Quetta Survey (Ruil Way)	Ditto ditto	1st Sept. 1887		
Khojak	Ditto ditto	1st Dec. 1887		
-	Privilege leave for 2 months	and 14 days, fr	om 11th February 1889.	•
Simla .	Asst. Supdt., 2nd grade, Survey of India, attached to No. 1 Party (Punjab)	29th May 1889		
Ditto	Ditto, dirto attached to No. 18 Party (Himalaya).	1st July 1889	******	
Ditto 	Ditto, ditto attached to Head-quarters Office Ditto, ditto in charge	12th Oct. 1889		•••
alcutta .	Chin-Lushai Expedition Survey Detachment, Chittagong Column Ditto, ditto attached	20th Nov. 1889	••••	
	to Head-quarters Office .	9th May 1890	••••	
	Leave on medical certificate	e for 3 months,	from 4th June 1890.	
olcutta. Ditto	Asst. Supdt., 2nd grade, attached to Head-quarters Office Ditto, 1st grade, ditto Ditto ditto, No. 18 Party (Himalaya)	4th Sept. 1890 1st Oct. 1890 1st Nov. 1890	Dy. Supdt., 4th grade Ditto ditto .	1st Oct. 1890.
	Promoted to Cap	tain, 15th Janu	ary 1891.	
imla . Ditto .	Asst. Supdt., 1st grade, in charge No. 18 Party (Himalaya) Ditto ditto, attached to ditto	11th Mar. 1891		•••
elentta .	Ditto ditto, attached	1st Apl. 1891	Ditto ditto .	•••
mla.	to Hend-quarters Office . Ditto ditto, attached	1st Nov. 1891	Ditto ditto .	•••
itto	to No. 18 Party (Himulaya). Ditto ditto, in charge	1st July 1892	Ditto ditto .	***
amptee .	ditto	16th July 1892	Ditto ditto Ditto, 2nd grade	 18th Aug. 1892
	inces)	28th Oct. 1892	Ditto ditto .	•••
	Privilege leave for 3	months, from 14t	h June 1893.	
leutta .	Asst. Supdt., 1st grade, attached	ı	1	
itto ¹⁸⁸⁰⁰ reo	to Head-quarters Office Dy. Suput., 2nd grade, ditto Ditto ditto in	17th Nov. 1893 28th Apl. 1894	Dy. Supdt.,. 2nd grade	100
	charge No. 14 Party (Nimar)	14th Mny 1894		***

Privilege leave for 1 month and 4 days, from 1st October 1894.

Served as Survey Officer with the Chitral Relief Force, from 27th March to 9th September 1803.

Substantive Appointment.	Date.	Officiating Appointment.	Date.
to Chitral Relief Force . Ditto ditto in		Dy. Supdt., 1st grade	1st July 1895.
Provinces)	20th Sept. 1895	Ditto ditto	•••
Privilege leave for 1 month of	ind 2 days, from	2nd November 1895.	
No. 14 Party (Central		Dy. Supdt., 1st grade	25th Dcc, 1896
Promoted to Brevet	!-Major, 22nd Jo	inuary 1896.	
charge No. 17 Party (Bombay	1	Dy. Supdt., 1st grade	***
Privilege leave for 1 month a	nd 17 days, from	n 16th September 1896.	
No. 17 Party (Eombay For-			***
	to Chitral Relief Force Ditto ditto in charge No. 14 Party (Central Provinces) Privilege leave for 1 month of Dy. Supdt., 2nd grade, in charge No. 14 Party (Central Provinces) Ditto ditto Promoted to Brevet Dy. Supdt., 2nd grade, in charge No. 17 Party (Bombay Forests) Privilege leave for 1 month a Dy. Supdt., 1st grade, in charge No. 17 Party (Eombay Forests)	Ditto ditto in charge No. 14 Party (Central Provinces). 20th Sept. 1895 Privilege leave for 1 month and 2 days, from Dy. Supdt., 2nd grade, in charge No. 14 Purty (Central Provinces)	Dy. Supdt., 2nd grade, attached to Chitral Relief Force Ditto ditto in charge No. 14 Party (Central Provinces)

Ditto with the Tirah Field Force, from 8th October 1897.

On special duty at Simla, from 18th April 1998

Simla . Calcutta	Dy. Supdt., 1st grade ditto	 	Supdt., 2nd gr Ditto, and Asst. S General	ditto, Surveyor	7th May 1898. 3th June 1898.

War Services .- Bechuanaland, 1884-85. With Sir Charles Warren as Survey Officer and served in Topographical & Intelligence Department and on Transvanl Boundary Survey. Honourably mentioned. Chin-Lushni Expedition, 1889-90. As Survey officer with Chittagong Column; mentioned in Despatches; Services acknowledged by Government of India. Medal and claps.

Chital Relief Force, 1895. As Survey Officer. Mentioned in Despatches. Brevet of Major. Medal

and Claps. Operations against the Mohmands, 1897. As Survey Officer, with Major-General Elles' force,

Mentioned in Despatches.

Tirah Expedition, 1897-98. As Survey Officer, with Peshawar Column and with 1st Division Razar Valley and Khaibar l'ass.

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
		·!]		
•••	2nd Lieut., Royal Engineers .	27th July 1888	******	101

On duty at the Royal Engineering Establishment, Chatham, September 1888.

Station.	Substantiv	ve Appointment.	Date.	Officiating Appoint- ment.	Date.
Jutogh	Departmen	the Military Works at, Bengal the Bengal Sappers	Nov. 1890		•••
	and Miner	s with the 1st Mir-	Jan. 1891		•••
Dugslmi	Departmer		Mar. 1891		***
***		the Bengal Sappers s with the 2nd Mir-	Apl. 1891		•••
Dugshai		the Military Works	June 1891		•••
Jutogh	Ditto	ditto .	July 1891	•••••	•••
		Promoted to Lie	eutenant, 27th Ju	ıly 189 1.	
•••	Ditto	ditto, Peshawar	14th Dec. 1891		*****
	Provincial		24th Jan. 1892		*** ***
				from 2nd July 1892.	
141	attached Engineer Governme				
•••	Ditto, Provincial		23rd Aug. 1892 17th Sept. 1892		******
	l		,	1	
verved as A	ssistant Field		d of the Cooli Co h October 1892.	orps, Isazai Expedition,	20th September
161		ngineer, 2nd grade,	ſ	[
•••	sion . Ditto,				*** ***
•••		l Division 3rd grade, ditto	1st Nov. 1892 16th Aug. 1893		*** ***
	Privileg	e leave for 1 month	h and 3 days, fro	m 20th August 1893.	
***	Rawal Pi	incer, 3rd grade, ndi Provincial Divi-			
•••		ditto Gujranwala	21st Mar. 1894		*** ***
***	Ditto,	ent Executive charge ditto l'eshawar			494 144
***	Ditto	l Division 2nd grade, ditto .	27th Apl. 1894 2nd May 1894		*****
				om 3rd October 1894.	
1	of India,	t., 2nd grade, Survey attached to No. 15			
On special	duty as Surve	y Officer with the 1	25th Nov. 1894 Thaibar-Asmar I	Delimitation Commissio	ı n under the poli
		ical charge of Mr.		November 1894.	
		dt., 2nd grade, at- to No. 18 Party	'		
•••			1st July 1895	******) ···
	· (Himala)	ditto attached			
Fangalore Ditto	(Himala)			Asst. Supdt., 1st grade	0541 X 1805

Station.	Subtantive Appointment.	Date,	Officiating Appointment.	Date.
	Privilege leave for 1 month and 25 o Elected for continuous I			89 6.
Bangalore	Asst. Supdt., 1st grade, attached to No. 11 Party (Upper Burma)	•••	Dy. Supdt., 2nd grade	2nd May 1897.
	Privilege leave for t	7 days, from 26	6th July 1897.	•
Bangalore	Asst. Supdt., 1st grade, attached to No. 10 Party (Upper Burma)		Dy Sundt 2nd d	
Ditto	Ditto ditto in charge ditto	10th Nov. 189	7. Ditto ditto	•••

Privilege leave for 15 days, from 1st June 1898, extension for 1 month and 12 days.

War Services.—1st and 2nd Miranzai Expeditions as Company Officer, 5th Company, Bengal Sappers and Miners—Medal and clasp; served as Assistant Field Engineer in command of Cooli Corps, Isazai Expedition.

Crichton, Captain Richmond Trevor, I.S.C.—Joined the service, 23rd August 1884; arrived, 29th October 1884.

Station.		Substant	ive App	ointment.	Date.	Officiating Appointment.	Date.
•••		Lieut., 2nd Highland Appointed	Light	Infantry .	23rd Aug. 1884		***
•••		the Beng			4th June 1888	Wing Officer, 31st Punjab Infantry .	4th June 1888.
Naini Tal	•	Asst. Supd	t., 2nd	Staff Corps grade, Sur- attached to	8th Oct. 1889		
		No. 5 Par			16th Dec. 1889		}
Ditto	•	Ditto	ditto	ditto .	•••	Asst. Supdt., 1st	16th Dec. 1890.
Ditto				ade, ditto .	19th Feb. 1891		N. 1001
Ditto	•	Ditto	ditto	ditto .		Dy. Supdt., 4th grade	7th Mny 1891.
Ditto	•	Ditto	ditto	ditto .	••••	Ditto, and in temporary charge of No. 5 Party	30th June 1891.
	,	Privile	ege leave	e for 1 mont)	h and 1 day, fro	n 1st October 1891.	
Naini Tal	•	Asst. Supdt. to No. 8 P	arty (O	rissa) .	4th Nov. 1891	429.00	
Cuttack	•	Ditto No. 8 Part		in charge	11th Nov. 1891	1	
Ditto		Ditto	ditto		1100 1100, 1091	*****	• •••
151000	•	271100	41000	to ditto	28th Nov. 1891		
Ditto		Ditto	ditto	ditto .	***	Dy. Supdt., 4th grade	8th Dec. 1891.
Ditto		Ditto	ditto	ditto	23rd Dec. 1891	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***
Ditto		Ditto,	ditto	in charge			
				ditto .	12th Jan. 1892		1802.
Ditto	•	Ditto	ditto	ditto .	•••	Dy. Supdt., 4th grade	1st Apl. 1892, 18th Aug. 1892,
Ditto	•	Ditto	ditto	ditto .	40.1 7 4000	Ditto, 2nd grade	
Ditto	•	Ditto	ditto	ditto .	19tև Jun. 1893	*****	***

Furlough for 5 months and 28 days, from 3rd May 1893.

Station.		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date
Bihar . Ditto . Ditto .	:	Asst. Supdt., 1st grade, in charge Nos. 2 and 8 Parties (Bihar). Ditto ditto ditto. Ditto ditto in charge Nos. 4 and 5 Parties (Bihar) Dy. Supdt., 2nd grade, ditto.	4th Nov. 1893 1st Oct. 1894		28th Apl. 1894.
21000	• 1	Promoted to Car			
		Tromoted to Cup	otati, zora 11 aga	20000	
Calcutta Ditto	•	Dy. Supdt., 2nd grade, and Supdt. of Settlement Surveys in Bengal Ditto ditto	19th Oct. 1895.	Dy. Supdt., 1st grade	 25th Jan. 1896.
2	٠,	Privilege leave from 12	•		, , , , , , , , , , , , , , , , , , , ,
		_	,	oth march 1837.	
Bihar	•	Dy. Supdt., 2nd grade, Supdt. of Settlement Surveys in Bengal, and in charge No. 4 Party (Bihar)		Dy. Supdt., 1st grade	
Ditto	•	Dittò, let grade, ditto .	10th June 1897		•••

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

Station.	[Substantive Appointment.	Date.	Officiating Appointment.	Date.
 On duty at	th as	2nd Licut., Royal Engineers e Royal Engineering Establishn temporary Assistant Instructo	nent, Chatham, to	ill 28th September 1991	 , and employed 92.
Murree	•	Attached to Military Works Department	lst Nov. 1892	******	•••
Rawal Pindi		Defence Works	2nd Jan. 1893	,	•••
Roorkee	•	2nd Asst. Principal, Thomason College	28th April 1893	*** ***	•••
Ditto .		Ditto ditto .	•••	1st Asst. Principal,	
Ditto .		Ditto ditto .	1st Nov 1895	Thomson College .	1st April 1995.
Poona	•	Leave on medical certificate Asst. Supdt., 2nd grade, Survey of India, attached to 25			
Dehra Dun	•	Party (Tidal and Levelling.) Ditto ditto, attached to the Trigonometrical Branch office	22nd Nov. 1897 20th April 1898		•••
Poona	•	Ditto, ditto, in charge No. 25 Party (Tidal and			
Ditto	•	Ditto, 1st grade, ditto	6th May 1898 27th May 1898		

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

Station.		Substantive Appointment.	Date.	Officiating Appoint ment.	Date.
		Appointed by Her Maj	iesty's Secretary of	f State for India.	
Calcutta	•	Asst. Supdt., 2nd grade, Surv of India, Head-quarte	e y l	1	1
Deh ra Dú n		Office Ditto ditto attache	. 30th May 1885	ļ	•••
Ditto		to Computing Party Ditto ditto in charge		1	***
Ditto	•	Ditto ditto, attache to ditto		1	***
D'44-		Ditto ditto ditto	. 23rd Dec. 1885	A-4 G-34 3	2013 75
Ditto	•	Ditto ditto ditto	• ""	Asst. Supdt., 1st grade	30th May 1886
Ditto	•		• • • • • • • • • • • • • • • • • • • •	Dy. Supdt., 4th grade	e, 20th Nov. 1880
Ditto	•			Asst. Supdt., 1st grade	e, 23rd Nov. 1880
Poona	•	Ditto ditto, attached t No. 25 Party (Tidal an	_ I		
Ditto		Levelling) Ditto, 1st grade, ditto	. 1st Nov. 1887 . 11th Apl. 1888	Ditto ditto .	• •••
Ditto	٠,	Ditto ditto ditto			174). I.I. 1000
Lussooree	٠,	Ditto, 1st grade, i	,	Dy. Supdt., 4th grad	el 11 rt 2 nih 1990
Tassocies	1	charge Nos. 22 and 23 Partie	s		
	ì	(Astronomical I and II)	. 1st Nov. 1888	Ditto ditto	
Ditto		Ditto ditto ditto	. 7th Jan. 1889		1
Ditto	.	Ditto ditto ditto		Dy. Supdt., 4th grade	28th Feb. 1889
Di t to	• }	Ditto ditto, attacher			ĺ
	-	to Nos. 22 and 23 Parties	1		
	ļ	(Astronomical I and II)	4th May 1889	Ditto ditto .	•••
		Privilege leave for) 41		
		Trivitege teave for a	montas, jrom 4th	i May 1889.	
			3 months, from 4th From 4th to 18th A	=	
Surma	•	On special duty, J	from 4th to 18th A	=	1
ourms.	•	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party	from 4th to 18th A	ugust 1859.	
		On special duty, J	19th Aug. 1889	=	
l ussooree		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office	19th Aug. 1889 8th Sept. 1890	ugust 1859.	•••
		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in	19th Aug. 1889 8th Sept. 1890	Dy. Supdt., 4th grade	***
Aussooree Ditto		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890	ngust 1859. Dy. Supdt., 4th grade	•••
fussooree Ditto Jehra Dún		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto	19th Aug. 1889 8th Sept. 1890	Dy. Supdt., 4th grade	***
fussooree Ditto Dehra Dún Ditto		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890	Dy. Supdt., 4th grade	***
Mussooree Ditto Jehra Dún	•	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891	Dy. Supdt., 4th grade	***
fussooree Ditto Dehra Dún Ditto Ditto	ļ	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891	Dy. Supdt., 4th grade Ditto ditto Ditto ditto	
Mussooree Ditto Dehra Dún Ditto Ditto Ditto	ļ	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto Ditto ditto ditto.	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891	Dy. Supdt., 4th grade	
Mussooree Ditto Dehra Dún Ditto Ditto	•	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Dy. Supdt., 3rd grade	 7th May 1891.
Ditto Ditto Ditto Ditto Ditto Ditto Ditto	•	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	 7th May 1891.
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto	•	On special duty, J. Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma). Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 3 months, from 4th	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade May 1892.	 7th May 1891. 1st Apl. 1892.
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 3 months, from 4th	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	 7th May 1891.
Ditto Deltra Dún Ditto Ditto Pitto Ditto Ditto Ditto Ditto Ditto	•	On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto to Computing Party Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 8 months, from 4th 2nd Aug. 1892	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade May 1892. Dy. Supdt., 3rd grade	 7th May 1891. 1st Apl. 1892.
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto		On special duty, J. Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 3 months, from 4th 2nd Aug. 1892 8th Aug. 1892	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892.
Ditto Dehra Dún Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto		On special duty, J. Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma). Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party. Dy. Supdt., 4th grade, ditto Ditto ditto, attached to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto, in charge Computing Party Ditto, 2nd grade, ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 8 months, from 4th 2nd Aug. 1892 18th Aug. 1892 18th Aug. 1892	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892. 18th Aug. 1893.
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma). Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy. Supdt., 4th grade, ditto to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto, in charge Computing Party Ditto, 2nd grade, ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 3 months, from 4th 2nd Aug. 1892 18th Aug. 1892 19th Jan. 1893	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Ditto ditto Ditto, 1st grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892. 18th Aug. 1893.
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto		On special duty, J. Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy Supdt., 4th grade, ditto to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto in charge Computing Party Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto, in charge Computing Party Ditto, 2nd grade, ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 8 months, from 4th 2nd Aug. 1892 18th Aug. 1892 19th Jan. 1893	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892. 18th Aug. 1892. 24th Sept. 1899.
Ditto Ditto		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy Supdt., 4th grade, ditto to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 8 months, from 4th 2nd Aug. 1892 18th Aug. 1892 19th Jan. 1893 1st Nov. 1893	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Ditto ditto Ditto, 1st grade Dy. Supdt., 1st grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892. 18th Aug. 1892. 24th Sept. 1898.
Ditto Ditto		On special duty, J. Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma). Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party. Dy. Supdt., 4th grade, ditto Ditto ditto in charge Computing Party. Ditto ditto ditto in charge Computing Party. Ditto ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Privilege leave for Dy. Supdt., 4th grade. Ditto ditto, in charge Computing Party. Ditto ditto, in charge Computing Party. Ditto ditto, in charge Computing Party. Ditto ditto, ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto.	19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 8 months, from 4th 2nd Aug. 1892 18th Aug. 1892 19th Jan. 1893 1st Nov. 1893	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Ditto ditto Ditto, 1st grade Dy. Supdt., 1st grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892. 18th Aug. 1892. 24th Sept. 1893. 3rd July 1894
Ditto Ditto		On special duty, J Asst. Supdt., 1st grade in charge No. 24 Party (Upper Burma) Ditto ditto, Trigl Branch Office Ditto ditto in charge Computing Party Dy Supdt., 4th grade, ditto to Computing Party Ditto ditto in charge Computing Party Ditto ditto ditto	7 com 4th to 18th A 19th Aug. 1889 8th Sept. 1890 27th Oct. 1890 10th Dec. 1890 29th Jan. 1891 2nd Apl. 1891 4th Nov. 1891 3 months, from 4th 2nd Aug. 1892 18th Aug. 1892 19th Jan. 1893 1st Nov. 1893 3rd Nov. 1894	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Ditto ditto Ditto, 1st grade Dy. Supdt., 1st grade	7th May 1891. 1st Apl. 1892. 2nd Aug. 1892. 18th Aug. 1892. 24th Sept. 1899.

Station.		Substan	tive Appoi	ntment.	Date.	Officiating Appointment.	Date.
Dehra Dún	•	Dy. Supdt	., 2nd grade	e, in charge Branch			
Ditto		Office Ditto	ditto,	in charge	5th Nov. 18	Dy. Supdt., let grade	***
1,1000	•		ng Party		5th Dec. 189	Ditto ditto	
Ditto		Ditto,		in charge	12th Dec. 18	95	
Ditto		Ditto	ditto	•	***	In temporary charge	"
Ditto	•	Ditto	ditto	•	180	Branch Office Ditto ditto and in temporary	27th Mar. 1896.
				j		charge No. 22 Party (Astronomical)	15th Apl. 1896.

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

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

Delira Dún	. Dy. Supdt., 1st grade, in charge Computing Party	n	In temporary charge Nos. 22 and 23 Par- ties (Astronomical)	1st Feb. 1897.
Made over c	harge of Nos. 22 and 23 Parties	(Astronomical) on	16th March 1897 foren	oon; and of the
	Technical Offices of the Trigo	· ·		-
	Furlough for 8 months, from 2	20th March 1897.	Extension for 3 days.	
Dehra Dún Ditto Ditto	Dy. Supdt., 1st grade, in charge Computing Party Ditto ditto Supdt., 2nd grade, ditto	_		 17th Feb. 1898.

Erskine, Claude Francis.—Joined the service, 25th June 1880.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind .	Proby. Asst. Settlement Officer, Sind Settlement	071) I 1000		_
Ditto .		25th June 1880	•••••	•••
Ditto			*****	•••
Bombay	Ditto, 4th grade, ditto. Ditto ditto, Poons and Nasik Survey, Bombay	27th Dec. 1883		•••
Du.		10th Oct. 1884		•••
Ditto	• Ditto, 3rd grade, ditto.	22nd July 1887		
Ditto	Ditto, 2nd grade, ditto.			•••

Relinquished charge of his duties in the Bombay Revenue Survey on the 18th February 1891 (afternoon).

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Jubbulpore .	Asst. Supdt., 2nd grade, Survey of India, attached to	7.1		
Ditto .	No. 9 Party (Mandla) Ditto ditto	19th Feb. 1891 	Asst. Supdt., 1st grade	3rd Mar. 1891
Sert	ices placed at the disposal of th	e Foreign Depar	tment, from 4th August	1891.
 Services replac	Asst. Supdt., 2nd grade Ditto ditto Ditto ditto Ditto, 1st grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto			5th June 1892 8th July 1892 29th Oct. 1892 1st Oct. 1893.
Calcutta .	Furlough for 10 me Asst. Supdt., 1st grade, attach- ed to Head-quarters Office. Dy. Supdt., 2nd grade, ditto.	29th Apl. 1895 21st Jan. 1896		29th Apl. 1895.
Central Provinces Ditto Barachi Ditto	Ditto ditto, in charge No. 14 Party (Central Pro- vinces) Ditto ditto ditto Ditto ditto in charge No. 12 Party (Sind) Dy. Supdt., 1st grade, ditto	12th May 1896 9th Oct. 1897 27th May 1898	Dy, Supdt., 1st grade Ditto ditto	2nd May 1897.

Fleming, Captain John Murchison, I.S.C.—Joined the service, 13th August 1879; arrived, 24th October 1879.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Dute.
***	2nd Lieut., 25th "King's Own Borderers"	13th Aug. 1879		•••
***	Lieut., ditto .	21st June 1880	*****	•••
•••	Appointed (on probation) to the Bengal Staff Corps	22nd July 1882	Wing Officer, 22nd Punjah Infantry	22nd July 188
•••	Ditto ditto .		Wing Officer, 4th Bengal Infantry	3rd Oct. 188
•••	Ditto ditto .		Quarter Master, ditto.	4th Sept. 188
	Appointed to Pengal Staff		-	
	Corps	8th Feb. 1884		•••
	Adjt., 4th Bengal Infantry	15th Apl. 1885		•••
•••	Ditto ditto .	i	Asst. Supdt., 2nd	
			grade, Survey of India (sub. pro tem.)	3rd J uly 188

Station.		Substantive Appointment,	Date.	Officiating Appointment.	Dite.
 Mussooree		Asst. Supdt., 2nd grade (on probation) Ditto ditto attached	22nd Oct. 1885	*****	•••
A14850016C	•		21st Sept. 1886 14th May 1887	Asst. Supdt., 1st grade	 14th May 1887
•••	1	Ditto, 1st grade, attached to No. 18 Party (Himalaya).	17th July 1888		
•••		Ditto ditto ditto .	ı	Dy. Supdt., 4th grade	1st Sept. 1888
 Na _r pore		Ditto ditto ditto . Ditto ditto ditto . Ditto ditto, attached	23rd Oct. 1888	Dy. Supdt., 4th grade	1st Nov. 1888
na šbore	•	to No. 3 Party	13th Nov. 1888	Ditto ditto .	
•••		Ditto ditto ditto . Ditto ditto ditto .	23rd Dec. 1888	Dy. Supdt., 4th grade	20th Feb. 1889
***		Ditto ditto, attached to		Dy. Suput., 4th grade	2001 660, 1009
•••		No. 21 Party (Upper Burma) Ditto ditto, in charge	1st Oct. 1889		•••
		No. 11 Party (Upper Burma	4th Nov. 1889		
		Furlough on medical certifica	te for 2 years, j	from 9th January 1890.	
		Promoted to Ca	ptain, 13th Aug	ust 1890.	
Calcutta		Dy. Supdt., 4th grade Ditto ditto, attached to	19th Feb. 1891		
		Hend-quarters Office	9th Jan. 1892	*****	***
Simla .	•	Ditto ditto, attached to No. 18 Party (Himelaya)	14th Mar. 1892	.,,,,,	
Ditto .	•	Ditto ditto in charge ditto	26th Mar. 1892		···
Ditto . Ditto .	•	Ditto ditto ditto .	•••	Dy. Supdt., 3rd grade	15th Apl. 1892
27000	•	Ditto ditto attached to No. 20 Party (Burma) .	2nd Aug. 1892	Ditto ditto	
Ditto .		Ditto ditto, in charge ditto	13th Aug. 1892	Ditto ditto	
Ditto .	•	Ditto, 2nd grade, ditto	18th Aug. 1892	Ditto, 1st grade	18th Aug. 1892
Ditto .	•	Ditto ditto	2nd Nov. 1892	******	•••
•••		Ditto ditto, in charge No. 2 Party (Eastern Bengal) .	24th Nov. 1892		
Calcutta	•	Ditto ditto, in charge Nos. 2 and 8 Parties	24th NOV. 1052	******	•••
D.		(Bengal)	1st Oct. 1893	Dy. Supdt., 1st grade	1st Oct. 1893
Pitto Ditto	•	Ditto ditto ditto .	18th Oct. 1893	D 0 1 1 1	001 35 1005
D1630	•	= 1010 41000 41000		Dy. Supdt., 1st grade	26th Mar. 1895
S. 41		Privilege leave for 3	nonths, from 26t	h June 1895.	1
alcutta	•	Dy. Supdt., 2nd grade, attached	541 Oct 1005	Dr. Sundt let grade	
iml s		to Hend-quarters Office Ditto ditto in charge	5th Oct. 1895	Dy. Supdt., 1st grade	•••
litto		No. 18 Party (Himalaya)	31st Oct. 1895	Ditto ditto	***
Inssoorce	•	Ditto, 1st grade, ditto Ditto ditto in charge	17th Dec. 1895	*** ***	***
	•	No. 2 Party (North-Western	1		
Ditto		Provinces and Oudh) Ditto ditto	1st Jan. 1896	Supdt., 2nd grade .	2nd May 1897
		Privilege leave for 1 mont	h and 23 days, f	rom 1st June 1897.	
		Furlough for 1 year and 7			
		1	1]	
			!	i i	

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

Fraser, Captain Howard Alan Denholm, R.E.—Joined the service, 19th February 1886; arrived, March 1889.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
•••	Lieut., Royal Engineers .	19th Feb. 1886	•••••	•••
On duty at	the Royal Engineering Establish	ment, Chatham, j	from April 1886 to Nov	ember 1888.
 Bangalore	Posted to Indian Establishment Attached to "Queen's Own"	Feb. 1889		•••
Jangarote	Sappers and Miners	Mar. 1889		***
	Leave to England on medical certification	ificate, from No	vember 1889 to April 18	90.
Yeu, Uppe Burma	er Asst. Engr., 2nd grade, P. W. Dept.	June 1890	•••••	•••
Served	with Wuntho Field Force as Field	Engineer, from	15th February to 30th	April 1891,
Mandalny	• Attached to Office of Superin- tending Engineer, P. W.		,,	
	Dept	1st May 1891		***
	Language leave, from 1	6th June to 9th 1	September 1891.	
Yemethin	Employed on Famine Relief	10th Sept. 1891		***
Poona.	Vey of India, attached to No. 10 Party (Bombay)	 29th Oct. 1891		***
Ditto	. Ditto ditto . ,	•••	Asst. Supdt., 1st grade	1st Nov. 189
	Privilege leave for 3 months, from	14th July 1893	; overstayed it by one of	lay.
Poons	. Asst. Supdt., 1st grade, (sub. pro tem.), attached to No. 10	[
Ditto.	Party (Bombay) Ditto ditto in	8th May 1894		•••
Ditto . Ditto .	charge ditto . Ditto, 2nd grade, ditto . Ditto, 1st grade, ditto .	24th June 1894	Asst. Supdt., 1st grade	24th June 188
	.	S .	•	one day.
	vilege leave for 1 month and 21 day	is, from 5th May	1899; Overstayen iv v	, <i>0.1.</i> 5 = \
Poons .	Asst. Supdt., 1st grade, attached to No. 10 Party (Bombay)	N	Dy. Supdt., 2nd grade	9th July 180
Burms .	Ditto ditto attached to No. 24 Party	•••		•
	(Upper Burma)	21st Aug. 1895	Ditto ditto	
	Special leave for 19 days, fro	om 30th Septemb	er to 18th October 1895	
Burma .	. Asst. Supdt., 1st grade, attached to No. 24 Party		1	1
5	(Upper Burma)	28th Oct. 1895		28th Oct. 18
Ditto . Ditto .	Ditto ditto . Ditto ditto .	3rd Nov. 1895	Dy. Supdt., 2nd grade	25th Dec. 18
			e, 8th July 1896.	

Special leave for 2 months, from 3rd August 1896.

Station,	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma .	Asst. Supdt., 1st grade, attached to No. 24 Party (Upper Burma)	3rd Oct. 1896	Dy. Supdt., 2nd grade	• •••
Quetta Ditto Bangalore Ditto Ditto Ditto Ditto	Asst. Supdt., 1st grade, in obarge No. 15 Party (Baluohistan) Dy. Supdt., 2nd grade, ditto. Ditto ditto in charge No. 19 Party (Madras) Ditto ditto, in charge Nos. 9 and 19 Parties (Madras) Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto	4th Feb. 1897 23rd Apl. 1897 	Dy. Supdt., let grade Ditto ditto Dy. Supdt., let grade	200 10.7
Bungalore .	Privilege leave for 3 Dy. Supdt., 2nd grade, in	months, from 8t	<i>h April 1898.</i>	1
	charge Nos. 9 and 19 Parties (Madras)	•••	Dy. Supdt., 1st grade	12th Apl. 1898.
		:		

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

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
70111	Proby. Asst. Settlement Officer in the Sind Survey Dept.	1st Jan. 1878		•••
Ditto.	Asst. Settlement Officer, 3rd Class	21st Mar. 1879		

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

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

Subsidiary leave, from 3rd January 1881.

Ditto Ditto Ditto Ditto Privilege Siad . Asst. S. Rev. Ditto . Dit and Marat Privi Relinquished charge Calcutta . Asst. S. of I Quan Ditto . Ditto Ditto . Di Di Ditto . Di Ditto . Di Di Ditto . Di Di Ditto . Di Di Di Di Di Di Di Di Di Di Di Di Di D	itantive Appointment.	Date.	Officiating Appoint- • ment.	Date.
Sind . Asst. S Rev. Ditto . Dit and Marat Privi Relinquished charge Calcutta . Asst. S of I Quar Ditto . Dit Ditto . Dit Ditto . Dit Ditto . Dit Ditto . Dit Ditto . Dit Mandalay . Dit Ditto . Dit Ditto . Dit Mandalay . Dit No. J Ditto . Di Rangoon . Di Ditto . Di Ditto . Di Rangoon . Di Ditto . Di Ditto . Di Rangoon . Di Ditto . Di Ditto . Di Ditto . Di Rangoon . Di Ditto . Di Di Ditto . Di Ditto . Di Ditto . Di Di Ditto . Di Di Ditto . Di Di Ditto . Di Di Ditto . Di	Supdt., 5th grade, Sind Survey	4th Jan. 1881 8th Nov. 1881 8th Nov. 1884		***
Ditto Dit Dit and Marat Privi Relinquished charge Calcutta Asst. S. of I Quar Ditto Dit Mandalay Dit Ditto Dit Ditto Dit Ditto Dit On Ditto Dit Medical leave to Eur Calcutta Asst. S. of I Quar Lito No Ditto Dit to No Ditto Dit pro te Medical leave to Eur Calcutta Asst. S. firms I Ditto Di Ditto	leave for 3 months, from	3rd August 188	5, overstayed it by 4 day	/8.
Ditto Ditto	Supdt., 3rd grade, Sind	7th Nov. 1885	ĺ	
Relinquished charge Calcutta	tto, 2nd grade, ditto itto ditto, Poona	12th Nov. 1887		***
Calcutta Ditto Di	Nasik and Southern tha Country Survey .	27th June 1888	*****	•••
Calcutta . Asst. S of I Quar Ditto . D	ilege leave for 2 months o			
Ditto Mandalay Ditto Di	of his duties in the Bom 189.	sbay Revenue Sur 1 (afternoon).	vey Department on the .	19th February
Ditto Mandalay Ditto Di	Supdt., 2nd grade, Survey India attached to Head-			•
Mandalay Dit to No Ditto	rters Office tto ditto	19th Feb. 1891	Asst. Supdt., 1st grade	3rd Mar. 189L
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Medical leave to Eur Calcutta Ditto		12th Mar. 1891		
Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Medical leave to Eur Calcutta Ditto Ditto Rangoon Ditto Di Ditto Ditto Ditto Di Ditto Di Ditto Di Ditto Di Di Ditto Di Di Ditto Di Di Ditto Di Di Di Rangoon Div. S	tto ditto in ge No. 3 Party (Mandalay	_	Ditto ditto .	
Ditto Ditto No Ditto No Ditto Pro to Medical leave to Euro Asst. S. firms Calcutta Ditto Di	tto ditto .	· · · · ·	Dy. Supdt., 4th grade	22nd July 1891.
Ditto . Ditto pro to No Ditto Ditto .			Asst. Supdt., 1st grade	1 19th Oct. 1981
Ditto Ditto M edical leave to Eur Calcutta Di No. 1 Ditto Di Rangoon Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Di Ditto Di Di Ditto Di Di Di Di Rangoon Dy. S	tto ditto, attached o. 3 Party (Mandalny) .	23rd Dec. 1891	Ditto ditto .	
Medical leave to Euro Asst. Sirme Calcutta Dito Ho Dito Ditto Rangoon Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Di Rangoon Dy. S	to lst grade (sub.			
Calcutta Di firme Di to He Mandalay Ditto Di Ditto Dit	crope for 15 months, from	19th May 1892.	Extension for 7 months	and 16 days;
Calcutta . firme Di to He Mandalay . Di No. 1 Ditto . Di Rangoon . Di to M Burn Ditto . Dy. Si Ditto . Di Ditto . Di Ditto . Di Ditto . Di Ditto . Di Rangoon . Di Ditto . Di Ditto . Di Ditto . Di Rangoon . Dy. S	further extension for 2	months and 26 d	ays without pay.	
Calcutta Di to Ho to Ho to Ho No. 1 Ditto Di Rangoon Di to Ho Burn Ditto Ditto Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Di Ditto Di Di Ditto Di Di Di Rangoon Dy. S	Supdt., 1st grade (con-		}	
Mandalay . Di Ditto . Di Rangoon . Ditto . Di Ditto . Ditto . Di Ditto . Di Ditto . Di Ditto . Di Ditto . Di Ditto . Di Ditto . Di Ditto . Di Pri Rangoon . Dy. S		1st July 1892	•••••	•••
Ditto Rangoon Ditto Diversity Diversi	ead-Quarters Office .	30th June 1894		
Ditto Ditto	itto ditto in charge 12 Party (Magwè)	7th Dec. 1894		
Ditto Burn Ditto Dy. St Ditto Ditto Ditto Ditto Ditto Ditto Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Ditto Di Div. St	itto ditto ditto .	·	Dy. Supdt., 2nd grade	6th Apl. 1896
Ditto Ditto Ditto Dy. St Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Div. St	itto ditto attached			ļ
Ditto Ditto Ditto Dy. St Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Div. St		27th Nov. 1895	Ditto ditto .	
Ditto Dy. St. Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Ditto Div. St.	o ditto in charge ditto		Ditto ditto .	
Ditto Ditto Di Ditto Ditto Ditto Ditto Ditto Ditto Di Pri	updt., 2nd grade, ditto .	25th Dec. 1895		1000
Ditto Ditto Di Di Di Ditto Di Constanto Di C	itto ditto		Dy. Supdt., 1st grade	20th June 1899
Ditto Di Ditto Di Pri Rangoon Dy. S	itto ditto	1st Aug. 1896	Dy. Supdt., 1st grade	12th Dec. 1896
Ditto . Di Pri Rangoon . Dy. S	litto ditto . Litto ditto .	21st Dec. 1896		
Pri Rangoon . Dy. S	itto ditto	2180 Doc. 1000	Dy. Supdt., 1st grade	19th Apl. 1897.
Rangoon . Dy. S	ivilege leave for 3 month	s and 11 days, fr		
	Supdt., 1st grade, in charg		<u>-</u>	
	7 Party (Lower Burma)			***
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Gordon, Captain Philip James, I.S.C.—Joined the service, 22nd January 1881; arrived, 1st April 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
***	2nd Lieut., 54th Foot	22nd Jan. 1881		
***	Lieut., Dorsetshire Regt.	lst July 1881		l '
***	Appointed on probation to the	100 0 41.5 1001	······	···
	Bengal Staff Corps	13th May 1883	Wing Officer, 29th Punjab Infantry	13th May 188 3.
***	Lieut., 32nd Pioneers	28th Mar. 1884		···
•••	Finally admitted to the Bengal	1042 1 - 1004		
	Staff Corps	13th June 1884		•••
alcutta	Adjutant, 14th Sikhs	9th Feb. 1885		•••
	probation), Survey of India, attached to Head-Quarters		******	
	Office	10th Nov. 1890		}
***	Ditto, ditto No. 21 Party		*****	•••
	(Upper Burma I)	21st Nov. 1890		
•••	Ditto ditto (confirmed)	5th Aug. 1891	*****	•••
***	Ditto 1st grade (sub.	7.5.1	*** ***	***
	pro tem.) ditto .	5th Aug. 1891		
***	Ditto ditto ditto	13th Oct. 1891	*****	•••
	(confirmed).		,	J
	Promoted to Cap	tain, 22nd Janu	ary 1892.	
***	Asst. Supdt., 1st grade, attach-	1	I	Í
	ed to No. 21 Party (Upper			}
	Burma)	i	Dy. Supdt., 4th grade	15th Apl. 1892
100	Ditto ditto		Ditto, 2nd grade	18th Aug. 1892
	Furlough for 1 year	ar, from 5th No	vember 1892.	•
***		10,, <i>5,0,00</i> 00,0 2, 0	,	Í
***	Asst. Supdt., 1st grade, attach-	1		
	ed to No. 21 Party (Upper Burma)	2047 0-4 1002		
•••	D.111	30th Oct. 1893	Dy. Supdt., 2nd grade	2 nd Tuly 1804
***	70.00	29th Oct. 1894	Dy. Supat., 2nd grade	3rd July 1894
augulore	Ditto ditto ditto . Ditto ditto, in charge	2011 000, 1004	*****	***
•	No. 20 Party (Burma)	1st Nov. 1894	******	
•••	Ditto ditto ditto	130 11011 100 1	Dy. Supdt., 2nd grade	26th Mar. 1895
•••	Dy. Supdt., 2nd grade, ditto	17th Dec. 1895	- J. Capaci, Lac Bride	
***	Ditto ditto ditto		Dy. Supdt., 1st grade	28th May 1896
***	Ditto ditto ditto .	5th Oct. 1896		
•••	Ditto ditto ditto		Dy. Supdt., 1st grade	13th Oct. 1896
***	Ditto ditto ditto .	18th Jan. 1897		
***	Ditto ditto ditto .	'	Dy. Supdt., 1st grade	4th Feb. 1897
***	Ditto ditto ditto .	16th Mar. 1897		
***	Ditto ditto ditto		Dy. Supdt., 1st grade	17th Mar. 1897
	On special duty at Sim	la. from 13th to	31st May 1897.	
	Furlough for 1 ye			
***	Dy. Supdt., 1st grade (on)	1
oon n	furlough)	17th Feb. 1898		
OH IL	Ditto ditto, in charge			
	No. 17 Party (Bombay Forests)	6th June 1898	*****	•••
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Wan 0.	ioss.—Hazara Campaign, 1888—l			109 J.
			Workha Presidition 19	CIII 4 AIABS

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

Station.	Substantive Appointment.	Date,	Officiating Appoint- ment.	Date.
,.,	Lieutenant, Royal Engineers .	8th Jan. 1870		
On duty a	nt the Royal Engineering Establi	shment, Chathan	n, from February 1870	to July 1871.
•••	Posted to the Indian Estab-	16th Aug. 1872	1	
***	Asst. Supdt., 2nd grade, Great Trigonometrical Survey	25th Mar. 1873		•••
ebra Dún .	Ditto ditto, Great Trigonometrical Survey	11th Apl. 1873	•••••	***
Ditto .	Ditto ditto, Kumaon and Garhwal Survey Party	1st Aug. 1873	,	
	Privilege leave for 14 d	ays, from 1st O	ctober 1873.	
Ditto Ditto Ditto Ditto Ditto Donal	Asst. Supdt., 2nd grade, Kumnon and Gurhwal Survey Party Ditto, 3rd grade, ditto Ditto ditto Ditto ditto Ditto ditto Bhopal	1st Apl. 1874 28th Oct. 1874 	Asst. Supdt., 1st grade Ditto 2nd grade Asst. Supdt., 2nd grade	1st Apl. 1874
_	and Malwa Topographical Survey	15th Oct. 1875	Ditto ditto .	,40
	Privilege leave for 21 do	rys, from 17th S	September 1877.	
ajrat	Asst. Supdt., 3rd grade, Gujrat Party, Grent Trigonometrical Survey	5th Jan. 1878	Asst. Supdt., 2nd grade	,
	Privilege leave for 2	months, from 26t	th May 1878.	
njrat . Ditto	Asst. Supdt., 3rd grade, in charge Gujrat Party, Great Trigonometrical Survey. Ditto, dittc, Gujrat Party, Great Trigonometrical Survey	-	Asst. Supdt., 2nd grade Ditto ditto .	
rved as Sura	ney Officer with the Southern Afg M	hanistan Field I Tay 1880.	Force, from 9th Februa	ry 1879 to 15th
	Asst. Supdt., 3rd grade Ditto ditto	26th Apl. 1879	 Asst. Supdt., 2nd grade	,20
	Furlough to Europe for 2			
	Promoted to Cap	tain, 8th Januar	ry 1882.	
alcutta .	Asst. Supdt., 2nd grade Ditto, 1st grade Ditto ditto, on duty	1st July 1882 10th Oct. 1882	•••••	•••
Ditto		13th Dec. 1882	Dy. Supdt., 4th grade	29th May 1888.
n special sur	vey duty with Afghan Boundary			
600 (00	Dy, Supdt., 4th grade Ditto ditto	10th Mar. 1886	Dy. Supdt., 3rd grade	4th May 1886.
	Elected for continuous 1	Tudian assulas di	-4 4 must 1986	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
 Dehra Dún Ditto	Dy. Supdt., 4th grade Ditto ditto Ditto ditto Ditto ditto Ditto ditto (special duty) Ditto ditto		Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade Ditto ditto .	26th Oct. 1886 20th Nov. 1886
21100	Promoted to Brevet	r		
Dehra Dún Ditto <i>Emp</i>	Dy. Supdt., 4th grade . Ditto ditto . loyed on military duty in Europe,	 30th Aug. 1887 from 15th Februa	Dy. Supdt., 3rd grade ary 1888 to 6th January	
Dehra Dún	Promoted to . Dy. Supdt., 4th grade, Drawing Section, Trigonometrical Branch Office	7th Jan. 1889	Dy. Supdt., 3rd grade	7th Jan. 1899
Dehra Dún Calcutta Simla .	Dy. Supdt., 4th grade, in charge Trigonometrical Branch Office. Ditto, 4th grade Ditto, 3rd grade, in charge	1	Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade, and Asst. Surveyor- General	 26th Oct. 1889
	Privilege leave for 2.			•
Simla . Ditto . Ditto .	Dy. Supdt., 3rd grade, in charge No. 18 Party (Himalaya) Ditto ditto Ditto ditto Furlough for 6 m	1st Apl. 1891 16th Oct. 1891		22nd July 1897
Ditto Ditto Ditto Ditto Ditto	Dy. Supdt., 1st grade Ditto ditto in charge No. 18 Party (Himalaya) Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto, attached to Trigonometrical Branch Office	18th Aug. 1892		8th Oct. 1892 1st Oct. 1893
Ditto Ditto Ditto	Ditto ditto and Supdt., Trigonometrical Surveys Ditto ditto ditto Ditto ditto ditto.	1st May 1894 30th Nov. 1894		3rd July 1894
ehra .	Special examination leave for 1 m Dy. Supdt., 1st grade and Supdt. Trigonometrical Surveys		Supdt., 2nd grade .	95. 20th Mar. 18 96
	Promoted to Lieute Privilege leave for 1 n			
ehra .	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys	12th Dec. 1895	vonemoer 1890.	

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Furi	ough out of India, on private affair	s, for 6 months	ind 2 days, from 4th A	pril 1896.
Debra . Ditto	Supdt., 2nd grade, and Supdt., Trigonometrical Surveys Ditto ditto ditto		Supdt., 1st grade .	9th May 1897.
	Privilege leave for 1 m	onth, from 20th	September 1897.	
Dehra	.) Supdt., 1st grade, and Supdt., Trigonometrical Surveys .	15th Apl. 1898		
	Special leave for 6 n	nonths, from 26th	April 1898.	

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's Column in its marches from Kandahar to Kabul as Officer in charge of Survey; present at action of Ahmed Khel, near Ghazni, and of Urzu Shalez at Ghazni—Medal and clasp.

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
***	2nd Lieut., Royal Engineers .	17th Feb. 1888		•••
On duty	at the Royal Engineering Establ	ishment, Chatha	m, March 1888 to Februa	ry 1890.
ւ allad .	Attached to the Mily. Works		1	
	Dept	Apl. 1890	*****	***
***	Asst. Engr., 2nd grade,		1	
D! 1	P. W. D., Railway	Oct. 1890		***
Punjab .	Ditto ditto, Frontier Railway Surveys	Oct. 1890		
Mennwalli .	Ditto ditto, Meanwalli-	Oct. 1090	••••••	***
	Mari Railway construction	July 1891		
Punjab .	Ditto ditto, Mari-Attock			
•	Railway Survey	Jan. 1892		***
	Ditto ditto ditto		l	
Sohawa .	construction	Sept. 1892	•••••	***
. aswanuo	Ditto ditto, N.W. Kailway Improvement works	May 1893		
***	Asst. Eugr., 1st grade (new	Bray 1000	******	***
•••	2nd grade, P. W. D.)	June 1893		***
Lackasw .	Ditto ditto, Oudh and	-		
	Rohilkhund Railway	Oct. 1893	*****	***
***	Ditto ditto attached to	ľ	1	
	No. 2 Compy., Bengal Sappers	Jan. 1895	1	
•••	Asst. Engr., new 1st grade,	0.811. 1080	*** . ***	100
	P. W. D.	Apl. 1895		4 84
	Leave out of India (m.c.), 15th	-	****	

Station		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta		Aset. Supdt., 2nd grade,			
D		Survey of India, attached to Head-Quarters Office Ditto ditto, attached	8th Jan. 1897		•••
Burma Ditto	•	to No. 20 Party (Burma) Ditto ditto, in charge	14th Jan. 1897	••• · · ·	•••
DILLO	•	ditto .	13th May 1897	*****	
Ditto		Ditto, 1st grade, ditto	10th June 1897		***
Ditto	•	Ditto, ditto in charge No. 21 Party (Upper Burma)	1st Oct. 1897	} }	•••
Ditto	•	Ditto ditto ditto .	***	Dy. Supdt., 2nd grade	12th Apl. 1898
		1			
		[

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

Hobday, Lieutenant-Colonel James Ramsay, I.S.C.—Joined the service, 13th January 1869; arrived, 31st March 1869.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bareilly .	Ensign, 2-25th King's Own Borderers	13th Jan. 1869	.,,	***
	probn.), 38th Regt., Bengal Infantry 1st Wing Subaltern (on probn.), 38th Regt., Bengal Infantry	28th Mar. 1871 6th May 1871		•••

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

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

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

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

Buxa, Bhutan Central India	Station Staff	Officer	 ade (or	18th Nov.	1873	······	•••
	probn.), T	opl. Survey	y	11th Sept.		******	•••
***	Ditto	ditto	ditto .	7th July	1875	******	***
***	Ditto	3rd grad	le .			Asst. Supdt., 2nd grade	1st Jan. 1878.
***	Ditto	ditto		11th Jan.	1878	*****	
*11	Ditto	ditto				Asst. Supdt., 2nd grade	1st Feb. 1878.
***	Ditto	ditto		6th Feb.	1878		•••
***	Ditto	ditto			1	Aset. Supdt., 2nd grade	15th Feb. 1878.

Station.	Substantive A	Appointment	•	Date.	Officiating Appointment.	Date.
Furlough on pr	ivate affairs for	242 days, f	rom	29th April to 2	86th December 1878; re	called to duty
join Afgha	n Field Force, 1	l5th Decembe	er 18	878; left Engla	ind on 27th December 1	878 : served
Survey Off	icer with Southe	ern Afghanis	tan.	${m Field}$ ${m Force}, {m from}$	m 13th February to 31st	October 1879
Afghanistan .	Asst. Supdt., 3r	d grade .	. 1	•••	Asst. Supdt., 2nd grade	15th Ian 185
Ditto	Ditto	ditto .		4th Feb. 1879		TOOH 9 (III, 10)
Ditto .	Ditto	ditto .	•	•••	Asst. Supdt., 2nd grade	14th Apl. 187
Ditto .	Ditto	ditto .	-	22nd Apl. 1879		
Furlough on m	edical certificate	for 1 year.	fro	m 1st December .	1879 to 19th December 1	880. (left Indi
1st Decemb	er 1879—19 day	staken as i	he t	ime occupied o	n the voyage home not	counted in the
		nsion on pr	ivate	e affairs for 99	days, from 20th Decem	ber 1880 to 28
M arch 188			_			
	J	Promoted to	Ca_{I}	ptain, 13th Janu	sary 1881.	
Gujrat	Asst. Supdt.,	3rd gre	ide,	1	1	
	Gujrat Surve	y	•	2nd Apl. 1881		. 141
•••	Ditto	ditto .	•		Asst. Supdt., 2nd grade	
•••	1 '	l grade		1st July 1892	Ditto, 1st grade	1st July 188
•••		grade	•	15th Apl. 1883	D- C34 4453	054L Tala 100
1**	Ditto	ditto	•	99-4 0-4 1992	Dy. Supdt., 4th grade	25th July 188
***	Ditto Ditto	ditto ditto	•	22rd Oct. 1883	Dy. Supdt., 4th grade	25th Oct. 188
Andamans .	Ditto,	ditto	in	·••	Dy. Suput., stu grade	ZUIL CCW 100
упапин .	charge Andan			1st Nov. 1883	Ditto ditto	
		itto	,	24th Mar 1884		
		litto			Dy. Supdt., 4th grade	4th Apl. 188
Upper Burma	Ditto,	ditto in cha	rge		! • •	-
••	Upper Bu	rma Topl. Po	arty	20th Mar. 1886		
•••	Ditto d	litto ditte			Dy. Supdt., 3rd grade	4th May 188
		••••			Du	104h Ang 189
•••	Ditto	ditto	•		Ditto, 4th grade	18th Aug. 1886 26th Oct. 188
***	Ditto	ditto	•	•••	Ditto, 3rd grade	27th Oct. 189
•••	Ditto Ditto	ditto ditto	•	•••	Ditto, 4th grade Ditto, 3rd grade	19th Nov. 188
•••	Ditto	ditto	•		Ditto, 4th grade	23rd Nov. 188
•••	Dy. Supdt.	4th grade,	in	•••	27000, 2011 8-211	
•••	charge Uppe					
	Party .		٠.	1st Jan. 1887	••••	
	•	Promoted to	Res	evet-Major, 1st J	Tulu 1887.	•
				•	_ · · · · · · · · · · · · · · · · · · ·	
				months, from 10	in July 1301.	· I
Upper Burma	Dy. Supdt., 4th				D G 14 0-110	17th July 188
	Upper Burms		•	70 7 1000	Dy. Supdt., 3rd grade	17011 0 019 100
•••	Ditto	ditto	•	7th Jan. 1889	Dy. Supdt., 3rd grade	20th Feb. 188
***	Ditto Ditto	ditto ditto	•	23rd Feb. 1889		
•••	Ditto	ditto	•	2014 Feb. 1009	Dy. Supdt., 3rd grade	7th May 18!
•••	•		٠,	. 4047 7		
		Promoted to	Maj	jor, 13th Januar	y 1889.	
Upper Burma]	1	
	charge Uppe	er Burma T				•••
	Party .	• •		4th Nov. 1890	1	-
On special du	ty in Upper Bu	rma alona ti	he C	hinese Frontier.	from 1st December 1890) to April ¹⁸⁹
	Special la	and to Fund		1941 Tuna 10	1011 October 1891.	
15	1				19th October 1891.	į
Poons	Dy. Supdt., 3r		arge		1	
D:41-	No. 10 Party		•	20th Oct. 1891	D. Cordi O.d anda	15th Apl. 189
Ditto . Ditto .	Ditto	ditto .	. •	1041. A 1000	Dy. Supdt., 2nd grade	18th Aug. 189
Ditto .	Ditto, 1st	grade, ditte	ο.	18th Aug. 1892	Supdt., 2nd grade .	100170
Ditto .	Ditto	ditto in chi		8th Oct. 1892		
- 1000 h	l == -	arty (Bom		1		
			- J		1	
	Forests) .		_	11th May 1894	******	

Station.		Substantiv	e Appointment.	Date.	Officiating Appointment.	Date.
			ivilege leave for 3 moted to Lieutena		•	
Poona	•		st grade, in charge Party (Bombay	27th Oct. 1894	····	***
Ditto		Ditto	ditto .	•••	Supdt., 2nd grade .	26th Mar. 1895
Ditto		Supdt., 2nd g	grade, ditto .	25th Dec. 1895	•••••	•••
	$F\iota$	erlough on pri	vate affairs, from	26th January 18	196 to 14th January 18	97.
Calcutta	•	Supdt., 2nd g Head-Quart	grade, attached to	18th Jan. 1897		
Ditto		Ditto	ditto and Asst.	2010 000, 100,		•••
		Surveyor G		4th Feb. 1897		
Ditto	•	Ditto	ditto ditto.		Dy. Surveyor General, in charge Revenue	1045 4-1 3005
Ditto		Ditto	ditto .	10th Nov. 1897	Branch	19th Apl. 1897
Ditto	:	Ditto	ditto .	1001 100. 1097	Supdt. 1st grade	17th Feb. 1898
Ditto	·	Ditto	1st grade, ditto ditto.	27th May 1898	Dy. Surveyor General, in charge Revenue	
				, 	Branch	27th May 1898
						l

War Services.—Served with the Kandahar Field Force, Southern Afghanistan, from 13th February to 31st October 1879; accompanied column under Brigadier-General Palliser to Khakrez Valley—Medal; served with Upper Burma Field Force from 2nd April 1886 to end of campaign; mentioned in Despatches of Major-General Sir George White, V.C., K.C.B.; services acknowledged by the Commander-in-Chief and Chief Commissioner—Medal with clasp and Brevet-Majority; excellent service to the Intelligence Branch in Burma appreciated by the Commander-in-Chief in India—Burma clasp, 1887-89; accompanied special expedition in Upper Burma along the Chinese Frontier, 1890-91; Burma clasp, 1889-92.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Buttevant, Cork, Ireland.	2nd Lieut., 2nd Battn., H. M.'s 22nd Cheshire Regt.	1st May 1878	******	400
Attached to	the Regimental Depôt at Butte	vant, County Con	rk, Ireland, till 26th Se	ptember 1878.
Allahubad Ditto Afghanistan	2nd Lieut	13th Nov. 1878		***
Z	Bengal Staff Corps	3rd Aug. 1880	Wing Officer, 4th Goorklin Regt	3rd Aug. 1880,

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bukloh	Lieut	•••	Qr. Mr., 4th Goor-	23rd Dec,1880
Ditto .	Lieut., Bengal Staff Corps, and Wing Officer, 4th Goorkhas	15th Sept. 1881		2014 Dec/1000
Almora .	Ditto and Wing Officer, 3rd Goorkhas	 27th Feb. 1883	,] 1
Gujrat .	Asst. Supdt., 2nd grade, Survey of India (on proba.), attached		•••••	""
Ditto	to Gujrat Party Asst. Supdt., 2nd grade, attach-	12th Sept. 1883	••••	
-		23rd July 1884	Asst. Supdt., 1st grade	23rd July 1884
	Privilege leave for 9	2 days, from 8th	June 1885.	
Simla .	Asst. Supdt., 2nd grade, on duty at Head-Quarters Office	8th Sept. 1885	Asst. Supdt., 1st grade	
Calantta	Ditto, 1st grade, ditto . Ditto ditto .	26th Oct. 1885	Dy. Supdt., 4th grade	21st Mar. 1886
Ditto	D.717 3571 -	24th Nov. 1887		
Ditto			Dy. Supdt., 4th grade	25th Nov. 1887
Ditto	D:44- 3:44-	30th Nov. 1887	D- C34 4413	CIL T 1999
Ditto . Ditto .	Ditto ditto .	25th Jan. 1888	Dy. Supdt., 4th grade	6th Jan. 1888
Ditto .	Ditto ditto	20(11 0 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dy. Supdt., 4th grade	11th Feb. 1888
	Furlough to Europe for 1 year 7	months and 28 d	· ·	•
		Captain, 1st Ma	• •	
	Dy. Supdt., 4th grade .	5th May 1889	,	
Calcutta	Ditto ditto, attached			
T .1 1	to Head Quarters Office	1st Nov. 1890	Dy. Supdt., 3rd grade	1st Nov. 1990
Hazaribagh .	No. 4 Party (Western Dooars)	17th Nov. 1890	Ditto ditto	
Ditto .	Ditto ditto .	5th Dec. 1890		141 35 - 1001
Ditto . Ditto .	Ditto ditto . Dy. Supdt., 2nd grade, ditto .	19th Aug 1909	Dy. Supdt., 3rd grade Ditto 1st grade	14th Mar. 1891 18th Ang. 1892
Dinapur .	Ditto, ditto in charge	18th Aug. 1892	Ditto 180 grade	TOTA Zing, 2001
- III-PIII		1st Nov. 1892	Ditto ditto	•••
	Privilege leave for 2 months	and 2 days, fro	m 3rd July 1893.	
•••	Dy. Supdt., 2nd grade, in			
•••	charge Nos. 4 and 5 Parties			
	(Bihar)	5th Sept. 1893	Dy. Supdt., 1st grade	***
Bihar .	Ditto ditto ditto, and in charge Nos. 2 and 8 Parties			
	(Pihar)	1st Oct. 1893	Ditto ditto	
	Made over charge of Nos. 2 and 8	8 Parties (Bihar) on 4th November 1895	ł .
Bihar	. Dy. Supdt., 1st grade, in		,	
1,11101	charge Nos. 4 and 5 Parties			
	(Bihar)	28th Apl. 1894	*****	100
]		
	Privilege leave for 28	days, from 4th	Septemoer 1394.	
Calcutta	Dy. Supdt., 1st grade, attached	00 17	'	
Ditto	to Head-Quarters Office . Ditto ditto ditto .	22nd June 1895	Supdt., 2nd grade	16th Sept. 1895
Ditto	Ditto ditto ditto	6th Oct. 1895	Buling and Riago	***
Karachi .	Ditto ditto in charge	300, 2000		
Ditto	Indus Riverain Detachment. Ditto ditto in charge	1st Nov. 1895	*****	118
1000	No. 12 Party (Sind)	18th Nov. 1895	***	25th Jan. 1896
	Ditto ditto		Supdt., 2nd grade .	954h Jan 1870

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Privilege leave for	60 days, from 24	th June 1896.	
Karachi Lushai	Supdt., 2nd grade, in charge No. 12 Party (Sind) Ditto ditto in charge	10th June 1897	••••	•••
Diamit •	No. 14 Party (Lushai)	8th Oct. 1897	•	•••
		Major, 1st May		_
	Subsidiary leave, from 19th Ju	ne 1898, prepar	atory to going on furl	ough.
		-		
War Ser	vices Afghanistan, from 3rd Aug	gust to 9th Octob orkhas—Medal.	er 1880, as Officiating V	Ving Officer, 4th

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
On duty at	2nd Lieutennt, R. E	17th Feb. 1888 t, Chatham, fron 1890.	 n 17th February 1888 to	o 31st March
Chathain .	Posted to Palloon Section, R.E.	lst Apl. 1890	1 1	***
Aldershot Ly ld	With Balloon Section, R. E.	June 1890	849904	: •••
Chatham	periments .	Sept. 1890		***
CHRITHINI .	Ditto	Nov. 1890	Asst. Instructor in construction	Dec. 1890.
Aldershot .	Ditto	May 1891	construction	Dec. 1890.
•••	Posted to the Indian Establish-		·······	•••
Jhonsi	ment	23rd Feb. 1894	*****	***
	Attached to Military Works Department, Jhansi Division	23rd Mar. 1894		
Lansdowne	Attached to Military Works	20.0 14.1. 100 1	*****	•••
	Department, Bareilly Divi-			
Ditto .	Bion	15th May 1894	And From Ondered	97th Mar 1907
Ditto	Ditto ditto	14th Nov. 1895	Asst. Engr., 2nd grade	27th Mar. 1895
Ditto . Ditto	Ditto ditto		Asst. Engr., 2nd grade	5th Mar. 1896.
Ditto		Nov. 1896	F - F - 44b 1	 D. 1000
Bangalore	Ditto ditto Asst. Supdt., 2nd grade, Survey	, ,	Ex. Engr., 4th grade	Dec. 1896.
•••	of India, attached to No. 19	Ì		
Ditto	Party (Madras Forest)	24th Jan. 1897	******	***
Ditto	Ditto ditto in charge ditto Ditto ditto, attached to ditto	18th Mar. 1897 23rd Apl. 1897	******	•••
Ditto	Ditto ditto in charge No.	2310 Apr. 1007	'*****	***
Ditto	20 Party (Eurma)	1st Oct. 1897		· -
Ditto	Ditto, 1st grade, ditto .	10th Dec. 1897	D- S36 0-33	064h 4
	Ditto ditto .	,	Dy. Supdt., 2nd grade	Zotu April 1898.
			}	
	<u> </u>		<u></u>	<u></u>

Jackson, Edwin James.—Joined the service, 26th September 1864; arrived, 26th June 1864.

Station.		Substantive Appointment.	Date.	Officiating Appoint.	Date.
Calcutta	•	Senior Sub-Asst. Revenue Sur-	26th Sept. 1864		
Ditto	•	Ditto ditto, 2nd Divn., Lower Provinces, Bengal	1st Nov. 1864		
Barrackpur		Ditto ditto	1865	· ·	
Purulia		Asst. Surveyor (on probation)			"
Calcutta			21st May 1866		***
	,	Privilege leave for 15 d		•	
Gauhati		Asst. Surveyor, 1st or Northern	1		1
		Divn., Assam	18th Aug. 1866		***
Raipur .		Ditto, 2nd Divn., Cen-			
-	(6th Mar. 1867		***
		Leave on medical certificat	te for 1 month, fr	om 4th July 1867.	
Nagpur		Asst. Surveyor (on probn.),			1
_	_ !	Central Provinces	4th Aug. 1867		l
	Leg	ave on medical certificate for 3 n	nonths and 13 da	ys, from 19th August 1	1867.
Raipur .	•	Asst. Surveyor (on probn.),	1-4 Dec 1007		i
		Central Provinces	1st Dec. 1867	*** *	"
Nagpur	• 1	Asst. Supdt., 2nd grade .	5th Nov. 1868 26th May 1869		'''
Calcutta	•	Ditto ditto . Ditto ditto .	1et Sept 1860	*****	•••
Ditto	•		1st Sept. 1869	*****	
Kuch Bebar	•	Ditto, ditto, 5th Divn., Bengal	Nov. 1869		
Hooghly		Ditto, ditto, 4th Divn.,			İ
67		Bengal	1st Nov. 1870		
	F	urlough to Europe for 1 year 3	months and 12 de	ays, from 30th July 18	71.
Calcutta	• [Asst. Supdt., 2nd grade	11th Nov. 1872		
Jeypur	•	Ditto ditto .		In charge 2nd Division,	
	- 1			Revenue Survey	004) To 100
	-		ا ، ، ا		20th Jan, 1878
~		Examination leave for		st August 1874.	ı
Calcutta	•	Asst. Supdt., 2nd grade		*****	'''
Cachar	•	Ditto, ditto	1875	*****	•••
Barrackpur	•	Ditto, ditto, 14th or	1876		.,,
		Dearah Divn. Examination leave for 3		Santamber 1876	,
Calcutta	1	Asst. Supdt., 2nd grade, 14th		September 1575.	1
Carcutta	.	or Dearah Divn	1877	,,,,,,	
Naini Tal		Ditto ditto, 5th Divn.	20,1		
	Ť	NW. P	1st July 1877	,,,,,,	•••
Banda .		Ditto, ditto 14th or			
		Dearah Divn	1878		
Kirwi .		Ditto ditto	1879		
		Furlough for 1 year 7 men	ths and 3 days,	from 1st May 1880.	1
Calcutts	٠,١	Asst. Supdt., 2nd grade .	4th Dec. 1881	*****	
Rangoon	•	Ditto ditto No. 2			ľ
	- 1	Cadastral Party, Hantha-			
		waddy District, British Burma			
Ditto	•	Ditto, 1st grade	1st July 1882		19th Nov. 188
	•	Ditto ditto	:	Dy. Supdt., 4th grade	19611 404. 700
Ditto	•	Ditto ditto	6th Dec. 1882	5 (1-1) 41h	29th Apl. 1883
Ditto Ditto		Ditto ditto		Dy. Supdt., 4th grade	
Ditto Ditto Ditto	•	Ditto ditto, in charge		Ditto ditto .	19th Feb. 1886
Ditto Ditto	•	No 2 Pants		171160 (0000)	
Ditto Ditto Ditto Ditto	•	No. 2 Party			June 1904
Ditto Ditto Ditto Ditto Ditto	٠	Asst. Supdt., 1st grade		Ditto ditto .	June 1885
Ditto Ditto Ditto Dit to	:	No. 2 Party Asst. Supdt., 1st grade Dy. Supdt., 4th grade Ditto ditto	26th Oct. 1885 Nov. 1885		

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Furlough to Europe for 11 month			35.
Poona . Saugor .	Dy. Supdt., 4th grade Ditto ditto Ditto ditto, in charge No. 12 Traverse Party	24th Oct. 1886 29th Oct. 1886	Dy. Supdt., 3rd grade	27th Oct. 1886
Ditto Ditto Ditto	Ditto ditto Ditto ditto Ditto ditto	17th Dec. 1886 5th Jan. 1887	Dy. Supdt., 3rd grade	 1st Jan. 1887
Ditto Ditto	Ditto ditto	26th Sept. 1887	Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	`
Rangoon	Ditto ditto in charge No. 12 Party, Lower Burma, Traverse Survey	Nov. 1889	,,,,,,	•••
Ditto Ditto	Dy. Supdt., 3rd grade, ditto Ditto ditto Furlough for 1 year and	1st Oct. 1890 3 months. from	Dy. Supdt., 2nd grade	7th May 1891
Calcutta	Dy. Supdt., 1st grade Ditto ditto, on duty	18th Aug. 1892		•••
Hurma . Ditto .	at Head-Quarters Office Ditto, ditto in charge No. 20 Party (Burma) Ditto ditto	2nd Nov. 1892 15th Nov. 1892		 29th Apl. 1893.
Ditto Ditto	Ditto ditto Ditto ditto attached to No. 20 Party (Burma).	1st Nov. 1893 4th Nov. 1893	Supdt., 2nd grade	
Amptee . Ditto .	Ditto ditto in charge No. 9 Party (C. P.) Ditto ditto ditto	17th Nov. 1893	Supdt., 2nd grade	28th Apl. 1894.
amptee .	Privilege leave for 70 Supdt., 2nd grade, in charge	days, from 9th J		
angalore .	No. 9 Party (C. P.) Ditto ditto in charge	26th Mar. 1895		•••
itto	Ditto ditto ditto .	1st Nov. 1896	Supdt., 1st grade .	2nd May 1897.
Jpper Burms	1 10, 6	s and 18 days, fi 3rd Nov. 1897	rom 22nd July 1897. Supdt., 1st grade	
Ditto .		17th Feb. 189		***
_				

Lenox-Conyngham, Captain Gerald Ponsonby, R.E.—Joined the service, 16th September 1885; arrived, 21st January 1888.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
***	Lieutenant, Royal Engineers. Posted to the Indian Establish-	16th Sept. 1885	•••••	
***************************************	ment	22ud Dec. 1887	*****	•••

Station.	Substantive Appointment.			Date.	Officiating Appoint.	Date.
Rawal Pindi .	Lieutenant, Royal E	ngineers	•	***	Asst. Engineer, 2nd grade, Mily. Works	
Murree .	Ditto .	•	•	•••	Dept. Ditto, in charge of the Murree Sub-	14th Feb. 1888
Umballa .	Ditto .	•	•		Ditto, Sirhind and Lahore Command, Umballa Division	Apl. 1888, 15th May 1889,

Employed with Chor Survey Party until 25th June 1889.

Mussooree	•	Asst. Supdt., 2nd grade, Survey of India, attached to No.		1	, e ,
Ditto		22 Party	16th July 1889		100
2100	•	No. 23 Party (Astrol. II) .	1st Oct. 1889		400
Ditto		Ditto, 1st grade, ditto	1st Oct. 1890		•••
Ditto		Ditto ditto		Dy. Supdt., 4th grade	1st Oct. 1890.
Ditto		Ditto ditto, in		' ' ' "	
	- 1	charge Nos. 22 and 23 Parties	,		
	ì	(Astrol. I and II)	22nd Oct. 1890	Ditto ditto .	***
Ditto	. 1	Ditto ditto ditto .	5th Dec. 1890	••••	•••
Ditto	.	Ditto ditto .	•••	Dy. Supdt., 4th grade	

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

Privilege leave from 5th to 30th September 1893, and from 19th October to 5th November 1893; and special Examination leave, 1st to 18th October 1893.

Mussooree	. Asst. Supdt., 1st grade, in charge,		1	
	No. 23 Party (Astronomical).	6th Nov. 1893	Dy. Supdt., 2nd grade	
Ditto	. Dy. Supdt., 2ud grade ditto .	8th May 1894		•••

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

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

Promoted to Captain, 17th December 1894.

Mussooree	٠,	Dy. Supd No. 23	t., 2nd gra Party (As	de, in cha tronomic	rge		Dy. Supdt., 1st grade	9th July 1895.
Ditto Ditto	$ \cdot $	Ditto Ditto	ditto ditto	ditto ditto		28th Oct, 1895 3rd Nov. 1895	1	28th Oct. 1895.
Ditto		Ditto	ditto	ditto			Dy. Supdt., 1st grade	10th Jan. 1898,

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

 Debra Dún	•	Dy. Supdt lough) Ditto dit	., 1st grad to in cha	•		4th Feb. 1897		
		and 23 P	arties (As	tronomi	cal)	16th Mar. 1897	*** ***	
Ditto		Ditto	ditto	ditto	.		In temporary charge	
		1					of the Technical	
5 111.		D:44-	3144-	.1.44 -			Offices of the Trigo- nometrical Branch	
Ditto	•	Ditto	ditto	ditto	•	***	Supdt., Trigonome- trical Surveys	20th Sept. 1897.
		<u> </u>					tricki Suiveys .	

Dehra Dún . Dy. Supdt., 1st grade in charge	Date.	Officiating Appoint- ment.	Date.	Substantive Appointment.	Station.
nomical) 20th Oct. 1897	 19th June 1898.			Nos. 22 and 23 Parties (Astronomical)	

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

Station.	Substantive	Appointment.	Date.	Officiating Appointment,	Date.
Dehra Dún .	probation); Garhwal Sur	vey	26th Nov. 186	•	•••
D1		•	•	d October 1872.	
Dehra Dún	Asst. Surveyor,	3rd grade, ditto	1st Apl. 187	⁷ 3	
	Pri	vilege leave for	1 month, from	5th June 1873.	
Dehra Dún .		r, 2nd grade,	1	29th July 1874.	ŀ
Ditto .	Kumaon and Asst. Surveyor,	Garhwal Survey 2nd grade	l 1st Apl. 187	Sub-Asst. Conservator	
				of Forests, Forest Surveys	16th Oct. 1876.
***	Sub-Asst. Cons	servator of For-		burveys	1000 000 1070.
	ests, Forest S	Surveys	1st Sept. 187		
•••	Ditto	ditto .	•••	Asst. Conservator of	1041 E-1 1070
•••	Ditto	ditto .	5th Dec. 187	Forests, 3rd grade .	18th Feb. 1878.
***	Ditto	ditto .		Asst. Conservator of	
	Į		(Forests, 3rd grade.	22nd Jan. 1879.
	Priv	ilege leave for 1	month, from 2	2nd July 1879.	
•••		tor of Forests,	1st June 188	20	
***			30th Dec. 188		
	•		`	rom 3rd September 1881.	•
•••	Asst. Conserve	tor of Forests,			İ
	2r	id grade	•••	Dy. Supdt., Forest	#11 35 - 1000
***	Ditto	ditto .	5th Aug. 188	Surveys	5th May 1882.
•••	Ditto.	1st grade .	3rd Sept. 188		l '
***	Ditto	ditto .	014 20p. 200	Dy. Conservator of	
				Forests, 4th grade .	3rd Sept. 1882.
***	Ditto	ditto .		Ditto, 3rd grade.	1st Mar. 1883.
***	Ditto	ditto .		Ditto, 4th grade.	2nd Apl. 1883.
***	Ditto	ditto .	•••	Dy. Supdt., Forest	0_J T 1009
***	Ditto	ditto .	8th Jan. 188	Surveys	2nd June 1883.
***	Ditto	ditto .	1	Dy. Conservator of	
			""	Forests, 4th grade .	16th Jan. 1884.
•••	Ditto	ditto .	16th Mar. 186		
***	Ditto	ditto .		Dy. Conservator of Forests, 4th grade.	28th Apl. 1885.

Station.	Substantive	Appointment.	.	Date.	Officiating Appointment.	Date.
	Privilege	leave for 1 m	onth	and 15 days, f	From 29th June 1885.	
444	Dy. Conservat	tor of Forests,	4th			
		pro tem.) .	. 1	1st Aug. 1886		***
	Privil	ege leave for 2	mo	nths, from 2nd	September 1886.	
	l Asst. Conserv	vator of Fore	ata. Ì	ĺ		1
•••	120001 0001001	1st grade		···	Dy. Conservator of	
		-			Forests, 4th grade.	27th July 188
•••	Ditto Ditto	ditto	•	***		11th Sept. 188
•••	Ditto	ditto ditto		•••	Ditto, 4th grade Ditto, 3rd grade	10th Oct. 188 6th Nov. 188
•••	Ditto	ditto		•••	Ditto, 4th grade	2nd Dec. 188
•••	Ditto	ditto	•	•••	Ditto, 3rd grade	23rd Dec, 188
•••	Ditto	ditto		***	Dy. Supdt., Forest	
	}				Surveys	5th Apl. 188
	Ditto	ditto		6th July 1888		
•••	Ditto	ditto	:		Dy. Conservator of	•••
•••	ļ			,	l <u>Ľ</u>	16th Aug. 1886
•••	Dy. Conserv	ator of Fore	sts,			_
	5	4th grade	•	1st Jan. 1889		***
***	Ditto	ditto	•	***	Dy. Conservator of	8th May 1889
_	Ditto	ditto			Forests, 3rd grade. Supdt., Forest Surveys	"
• • •	Ditto	ditto	•		Dy. Conservator of	2220 0 4441 2000
	1				Forests, 2nd grade	11th Apl, 189
•••		2nd grade, S	ur-			
	vey of Indi	a	•	24th Oct. 1890	Asst. Supdt., 1st	0411 O-4 100
	Ditto.	1st grade		31st Mar. 1891	grade	24th Oct. 189
•••	Ditto	ditto	:	3180 Mar. 1031	Dy. Supdt., 4th grade	9th Jane 189
	, p ,	ninilaga legna :	for s	months, from 1	,	
		•	, , ,	· •	_	
Dehra Dán	. Asst. Supdt.,		•	2nd Nov. 1891	Dy. Supdt., 2nd grade	24th Sept. 189
Ditto Ditto	Ditto	ditto ditto	•	 1st Nov. 1893	Dy. Suput., Znugrade	2401 Sept. 105
Ditto	Ditto	ditto		130 1101, 1005	Dy. Supdt., 2nd grade	8th May 189
Ditto	. Ditto	ditto		30th Nov. 1894		!!
Ditto	. Ditto	ditto	•	•••	Dy. Supdt., 2nd grade	20th Mar. 189
	Pr	ivilege leave f	or 3	months, from 27	th June 1895.	
Debra Dún	. / Dy. Supdt., 2	nd grade	. 1	12th Dec. 1895		**1
Ditto	Ditto	ditto .	- 1		Dy. Supdt., 1st grade	28th Mar. 1896
	Furlough for 9 n	onths. from 2	4th		sion for 1 year and 3 m	
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Longe, Major Francis Bacon, R.E.—Joined the service, 2nd February 1876; arrived, 15th January 1879.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Lieutenant, Royal Engineers . Appointed to the Indian Esta-	2nd Feb. 1876	•••••	
	blishment	lst Nov. 1878	1	
On duty	at Royal Engineering Establish	nent, Chatham, f	rom February 1876 to	July 1878.
Afghanistan .	Asst. Supdt., 3rd grade (Supernumerary)	15th Mar. 1880	•••••	
Served as As	sistant Survey Officer with Kabu N	l and Kandahar Tay 1881,	Field Force from 15th	March 1880
Bangalore .	Asst. Supdt., 3rd grade (Su-	100 0 4 1001	1	
***	pernumerary)	13th Oct. 1881	•••••	.,,
***	pernumerary)	1st July 1882 13th Sept. 1882	Asst. Supdt., 1st grade	 13th Sept. 188
oona	Ditto ditto, in charge, Deccan Party	6th Oct. 1883	Ditto ditto .	
orakhpur .	Ditto ditto No. 5 Party, Gorakhpur Survey	22nd Nov. 1883		
orakhpur .	Ditto, 1st grade, ditto Ditto ditto ditto Ditto ditto	10th Jan. 1884 14th Mar. 1884	Dy. Supdt., 4th grade	6th Mar. 188
	Privilege leave for 3		•	•••
orakhpur .	Asst. Supdt., 1st grade, No. 5		1001.	İ
aleutta .	Party, Gorakhpur Survey Ditto ditto on		Dy. Supdt., 4th grade	26th Aug. 188
	duty at Head-quarters Office	17th Jan. 1885	Ditto ditto .	
	In charge of Suakim Expedi	tionary Survey,	from 4th March 1885.	
Ditto	Asst. Supdt., 1st grade, attached to Tidal and Levelling Operations Ditto ditto, in charge	19th June 1885	Dy. Supdt., 4th grade	
• •••	South Mahratta Survey	6th July 1885	Ditto ditto .	
litto .	Ditto ditto, attached to Tidal and Levelling		*	
			l e e e e e e e e e e e e e e e e e e e	
itto .	Operations Ditto ditto, in	19th Oct. 1885	Ditto ditto	***
litto .	Operations Ditto ditto, in charge South Mahratta Survey Party	29th Dec. 1885	Ditto ditto .	
•	Operations Ditto ditto, in charge South Mahratta Survey Party Elected for continuous In	29th Dec. 1885 dian service, 3rd	Ditto ditto .	
•	Operations Ditto ditto, in charge South Mahratta Survey Party Elected for continuous In	29th Dec. 1885 dian service, 3rd	Ditto ditto .	
•	Operations Ditto ditto, in charge South Mahratta Survey Party Elected for continuous In	29th Dec. 1885 dian service, 3rd 1st Nov. 1886	Ditto ditto . September 1886. Dy. Supdt., 4th grade	
luchistan .	Operations Ditto ditto, in charge South Mahratta Survey Party Elected for continuous In Asst. Supdt., 1st grade, in charge No. 15 Party	29th Dec. 1885 dian service, 3rd 1st Nov. 1886 tain, 2nd Februa	Ditto ditto . September 1886. Dy. Supdt., 4th grade	
	Operations Ditto ditto, in charge South Mahratta Survey Party Elected for continuous In Asst. Supdt., 1st grade, in charge No. 15 Party Promoted to Cap vilege leave for 3 months, from 12 Dy. Supdt., 4th grade, in charge	29th Dec. 1885 dian service, 3rd 1st Nov. 1886 tain, 2nd Februa	Ditto ditto . September 1886. Dy. Supdt., 4th grade	
lachistan . Pri	Operations Ditto ditto, in charge South Mahratta Survey Party Elected for continuous In Asst. Supdt., 1st grade, in charge No. 15 Party Promoted to Cap vilege leave for 3 months, from 12	29th Dec. 1885 dian service, 3rd 1st Nov. 1886 tain, 2nd Februa	Ditto ditto	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment	Date.
	Furlough for 1 year 11 months	and 29 days, fro	om 16th November 1888	
Culcutta	Dy. Supdt., 4th grade, Head-quarters Office	15th Nov. 1890	Dy. Supdt., 3rd grade	15th Nov 1800
Mandalay	Ditto ditto in charge No. 21 Party	9th Dec. 1890	Ditto ditto	
Ditto	. Ditto, 3rd grade, ditto			•••
	Privilege leave for 1 month and	d 10 days, from	22nd February 1892.	
	On duty at Royal Engineering Es			892.
Caloutta	Dy. Supdt., 1st grade Ditto ditto attached to	18th Aug. 1892	******	
Mandalay	Head-quarters Office Ditto, ditto in charge	19th Jan. 1893	******	•••
Ditto	No. 21 Party (Upper Burma) Ditto ditto in charge ditto and No. 11 Party (Up-	3rd Feb. 1893	******	•••
		12th Sept. 1893		***
Mr 3 1	Made over charge of No. 11 Par	ty (Upper Burn	na), 12th Ootober 1893.	
Mandalay	No. 21 Party (Upper Burma)	•••	-	6th Apl, 1895.
		Iajor, 17th Apr		
•	e leave for 2 months and 22 days, f	_		
.li e≀	bruary to 20th March 1896, oversto			
	On special duty in England, from		99 to 14th Peorutry 103	
Mandalay	Supdt., 2nd grade	21st Jan. 1896 16th Apl. 1896		•••
Ditto	Ditto ditto in charge ditto and No. 10 Party (Upper			•
Calcutia	Burma) Supdt., 2nd grade	15th Nov. 1896	Asst. Surveyor General	30th Apl .1897.
Ditto	Ditto, attached to Head- quarters Office	11th Nov. 1897		,,,
Served as	Survey Officer with the Burma-Chi	na Boundary De 1897.	limitation Commission, I	11th November
•••	Supdt., 2nd grade		Supdt., 1st grade .	26th Apl. 1898.
	Special leave for	6 months, from t	 6th May 1898.	,
		1	ı	
War Service	ces.—Joined the head-quarters of the	Bengal Sappers	and Miners in the Khyl	ber at Jellelabed

War Services.—Joined the head-quarters of the Bengal Sappers and Miners in the Khyber at Jellalaud in February 1879; served as Assistant Field Engineer, attached to the 7th Company, Bengal Sappers and Miners, with the Kurram and Kabul Field Forces from March 1879 to March 1880, and was present at the battle of Charasia, 8th Ootober 1879; occupation of Kabul and actions round Kabul from 10th to 23rd December 1879; served as Assistant Superintendent of Survey with Kabul and Kandahar Field Force from 15th March 1880 to the close of the campaign in May 1881, and was present at skirmish at Saidabad on 26th April 1880; marched with the force under Sir F. Roberts from Kabul to Kandahar, and was present at the battle of Kandahar, 1st September 1880; twice mentioned in despatches of Sir F. Roberts and received the thanks of the Governor-General—Medal and 8 olseps and bronze star; served as Survey Officer with the Suakim Expeditionary Force from 4th March to 1st June 1885—Medal and clasp and Egyptinn Star. Wuntho Expedition (Upper Burma), 1891.—Medal and clasp.

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

Station.	Substantive Appointment	Date.	Officiating Appointment	Date.
***	2nd Lieutenant, 1st Battalion,			
	Royal Lancaster Regiment .	30th Jan. 1889	••••	
***	Ditto, 2nd Battalion,			
	ditto ditto	7th Dec. 1899	*****	•••
***	Appointed to the Staff Corps .	3rd May 1890	******	•••
	Attached to IV Madras			
	Pioneers	3rd May 1890	*** ***	•••
***	Wing Officer, ditto	6th July 1892	*****	
***	Ditto 2nd M. I.	28th July 1893	*****	

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

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

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

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

Pemberton, James Stewart.—Joined the service, 6th October 1860.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
C. Provinces .				
Ditto	Central Provinces	6th Oct. 1860	•••••	•••
Ditto .	Sub-Asst. Rev. Surveyor, 3rd class, Central Provinces . Ditto ditto, 2nd	1st Jan. 1863		•••
Div	olass, Central Provinces .		,	***
Ditto .	Ditto ditto	1st Apl. 1866	******	•••
	Privilege leave for 8 day	s, from 23rd to 3	0th June 1866.	
Provinces .	Sub-Asst. Rev. Surveyor, 2nd grade, 3rd Division, Central			
Ditto .	Provinces	1st July 1866	•••••	***
Ditto .	2nd Division, Central Prov- inces Asst. Surveyor, 1st grade,	20th Jan. 1867		***
Dece	2nd Division, Central Prov-	1st Apl. 1869	60 . openet and it he fin	 Iaas
D'-	lege leave for 15 days, from 5th	1 to 19th June 13	os; overstaged in by o	.
. 100)DG8	Asst. Surveyor, 1st grade, 2nd Division, Central Prov- inces	21st June 1869	•••••	***
'	Privilege leave for 20 days, fro			

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date,
C. Provinces .	Asst. Surveyor, 1st grade, 2nd Division, Central Prov-			
Delhi . ,	Ditto ditto, Delhi	20th Oct. 1871	•••••	100
Ditto .	and Hissar Survey Surveyor, 4th grade, Delhi and	1st Nov. 1871	******	***
Patiala, Jeypu	Hissar Survey	1st April 1872 1st Nov. 1874	******	1+1
Delhi ,	Ditto ditto, Delki and Hissar, subsequently called "2nd Divi- sion, Gurgaon Survey".			
Ditto .	Ditto, 3rd grade, 2nd Divi- sion, afterwards called "Sirsa		•••••	141
Calcutta .	and Robtak Districts Survey" Ditto ditto on duty,	1st Jan. 1878	*****	***
Burma .	Hend-quarters Office British	1st April 1878		***
	Burma Survey	1st Jan. 1879		119
	Privilege leave for 3 months, j	rom 27th Junet	o 26th September 1879.	
Calcuta . Jauapore .	Surveyor, 3rd grade, on duty Hend-quarters Office Ditto ditto, No. 6 Party,	27th Sept. 1879	** ***	184
Calcutta .	Jaunpore Survey	18th Oct. 1879	*** 1-1.1	•••
Dista	River Survey	1st Nov. 1881 23rd Sept. 1883	***	***
Ditto	Ditto ditto, No. 6 Party,	1st Oct. 1883		•••
Basti .	(Assam) Ditto, ditto, No. 4 Party,		•••••	
Punjab .	(Basti) Ditto, ditto, No. 1 Party	1st Nov. 1884	•••••	•••
Ditto .	(Punjab) . Ditto 1st grade, ditto	14th Oct. 1885 24th Nov. 1887	100,000	***
Ditto .	Ditto ditto, in tempo- rary charge No. 1 Party			
Ditto .	(Punjab)	1st Nov. 1888 16th Jan. 1889		***
Ditto .	Ditto, ditto, in charge ditto.	1st Dec. 1889	*** ***	•••
Ditto	Ditto, ditto, in charge Indus Riverain Detachment	1st Nov. 1890		be
Bihar	Ditto ditto, in charge Bihar Detachment	lst Nov. 1891		***
Ditto . Ditto .	Asst. Supdt., 2nd grade, ditto Ditto, ditto, ditto	1st April 1892	Asst. Sapdt., 1st grade	1st April 1892,
	and in charge Burdwan De- tachment	5th July 1892	Ditto ditto	100
	Privilege leave for 2 months	and 16 days, f	rom 16th August 1892.	
	Made over charge of Bih	ar Detachment,	12th August 1892.	
Bihar .	Asst. Supit., 2nd grade, at- tached to Nos. 4 and 5 Parties	[;	}
Ditto .	(Bibar)	28th Oct. 1892	Asst. Supdt., 1st grade Ditto ditto,	***
	allow, allow		in temporary charge Nos. 4 and 5 Parties	3rd July 189 3.
Ditto ,	Ditto ditto, ditto . Ditto ditto, ditto .	5th Sept. 1893 6th Nov. 1893		
			l	<u></u>

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Biber .		Asst. Supdt., 2nd grade, attached to Nos. 4 and 5 Parties (Bihar)	3	Asst. Supdt., 1st grade	3rd Dec. 1893.
Ditto.		Ditto ditto ditto	13th Jan. 1894	· · · · · ·	***
Ditto.		Ditto ditto ditto .		Asst. Supdt., 1st grade	3rd Apl. 1894.
Ditto .	•	Ditto ditto ditto .	***	Ditto ditto, in temporary charge	
				Nos. 4 and 5 Parties	
				(Bihar)	4th Sept. 1894.
Ditto .		Ditto ditto ditto.	2nd Oct. 1894	Ditto ditto.	
Naini Tal	•	Ditto ditto in charge			
		NW. P. and Oudh Detach-	1 1 17 1004	D'11. 3'11.	
Ditto .		ment	1st Nov. 1894		***
Ditto .		Ditto ditto, in charge	26th Mar. 1895	******	•••
21110	- I	No. 8 Party (NW. P. and			
	- 1	Oudh)	12th Oct. 1895		144
Ditto .		Ditto ditto ditto .		Dy. Supdt., 2nd grade	25th Jan. 1896.
Ditto .	•	Ditto citto ditto .	20th Mar. 1896		•••
Ditto .	•	Ditto ditto ditto . Dy. Supdt., 2nd grade, ditto .		Dy. Supdt., 2nd grade	28th Mar. 1899.
Ditto . Ditto	•	Dy. Supdt., 2nd grade, ditto .	10th June 1897	*****	***
DIGO	•	Ditto, ditto, in			
		charge Nos. 2 and 8 Parties (NW. P. and Oudh).	5th Nov. 1897		
	1	•	Ι,		•••
7 . ' m ı		Extension of service		emoer 189 5.	
Nani Tal .	•	Dy. Supdt., 2nd grade, in charge	1	(
		Nos. 2 and 8 Parties (NW.P	•	D. 5-14 1.4 mmdo	26th Apl. 1898.
		and Oudh)	•••	Dy. Supdt., 1st grade	ZULL Apr. 1000
			ł	-	
			1		
			1		·

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
On duty a	t the Royal Military College, San	adhurst, from 1s	t September 1886 to 15t	h July 1887.
***	2nd-Lieutenant, 2nd Battalion, Lincolnshire Regiment	14th Sept. 1887	494 - 1.1	•••
Cawnpore	Appointed to the Bengal Staff Corps	251h Oct. 1889	Wing Officer, 4th Ben- gal Infantry (on probation)	25th Oct. 1886.
Jhansi . Pyzabad	Wing Officer, 4th (P. A. V.) Pengal Infantry(on probation) Wing Officer, 4th (P. A. V.) Bengal Infantry	18th Nov. 1890 19th June 1891		
	Leave to England from 2711	d October 1892 t	o 23rd October 1893.	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Debra Dún	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Trigl. Branch			
Simla .	Office	11th June 1895	******	***
Ditto	to No. 18 Party (Hima- laya)	1st Nov. 1895	*****	***
	Ditto ditto (confirmed), ditto Ditto ditto, attached	11th June 1896	Asst. Supdt., 1st grade	11th June 1896.
Ditto		16th June 1896	Ditto ditto	***
	Privilege leave for 2 months and	d 18 d ays, fr om 2	22nd July 1896.	
Quetta	Asst. Supdt., 2nd grade, attached to No. 15 Party (Buluchistan)	ļ	Asst. Supdt., 1st grade	
Ditto Ditto	Asst. Supdt., 1st grade, ditto Ditto ditto ditto		Dy. Supdt., 2nd grade	•••
Served o	s Survey Officer with the Tochi I	rield Force, from		
•••	Asst. Supdt., 1st grade . Ditto ditto .	26th Oct. 1897	Dy. Supdt., 2nd grade	5th Nov. 1897.
 O==#40	Ditto ditto . Ditto ditto .	10th Nov. 1897	Dy. Supdt., 2nd grade	17th Feb. 1898.
Quetta.	Ditto ditto attached to No. 15 Party (Paluchistan)	23rd Dec. 1897	Ditto ditto .	***
Ditto	Ditto ditto	20th Apl. 1898	Ditto ditto .	***
Ditto	Ditto ditto	9th May 1898	Ditto ditto .	,

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

Pope, Thomas Archdale.—Joined the service, 17th July 1880.

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Cuddapah	•	2nd Class Inspector of Police	17th July 1880	111***	111
Madres	•	Proby. Asst. Supdt., 2nd grade, Madras Rev. Survey, doing			***
Bellary		duty in the Central Office Ditto ditto ditto.	2nd Feb. 1881	144 114	••
o canar y	•	No. 2 Party	9th Feb. 1881		***
Ditto	•	Asst. Supdt., 2nd grade, Madras Rev. Survey, No. 2 Party	1st Sept. 1881	010.00	***

Statio	ם.	Substa	ntive Appo	ointment.	Date.	Officiating Appointment.	Date.
Madras		Asst. Sup Rev. Su Office	dt., 2nd gr rvey, on du	ade, Madra ity Central	8 19th Dec. 1881		•••
Madura	•	Ditto No. 2 P		ditto	2nd Mar. 188	2	
Ditto	•	No. 1 Pa	ditto arty .	ditto,	1st Dec. 1882		***
			•	leave for	2 months, from 7		
Toniono		A C		-	_	1	
Tanjore Ditto	•		rvey, No. 3	ade, Madras Party . tto .	7th July 1883	Asst. Supdt., 1st grade	 18th Mar, 1884.
Ditto				ade, Madra			
Ditto			dt., 1st gra	de, Madras			•••
Madras		Rev. Sur Ditto		tto on duty	3rd Sept. 1884		
Ditto	•	Central Dit		ito .	22nd Sept. 1885	Dy. Supdt., 2nd grade, in charge Central	
Trichinopo	lo .	Dit	to. di	itto, No. 3		Office	1st Oct. 1885.
	• •	Party	• •	• •	3rd Dec. 1885	*****	
			Privilege	e leave for	3 months, from 1	st July 1886.	
	Serv	ices placed	at the disp	posal of the	Government of	India, from 1st October	r 1886.
Calcutta		Asst. Supc	lt., 2nd gra	de, Survey	1	1	1
Ditto		of India Ditto,	ditto,	attached	1st Oct. 1886		
		to Pho	oto, and	Litho.	•••	Asst. Supdt., 1st grade	14th Oct. 1886.
Ditto	•	Ditto	ditto	ditto .	•••	Dy. Supdt., 4th grade	14th Nov. 1888.
Ditto Ditto	•	Ditto	ditto	ditto .	1541 D.L 1000	Asst. Supdt., 1st grade	7th Dec. 1888.
Ditto	•	Ditto, Ditto Ditto	1st grade, ditto	ditto . ditto . ditto, Per-	15th Feb. 1889 	Dy. Supdt., 4th grade	27th Mar. 1889.
		sonal Ass General	st. to the		9th Dec. 1889	Ditto ditto .	•••
			Privilege	leave for 8	months, from 14	lth April 1890.	
•••		Asst. Supd	lt., 1st grad	le , [Asst. Surveyor-Gene-	1 · · ·
•••		Ditto		ttached to	0-4 1800	ral	21st July 1890.
Calcutta		Dv. Sundt	arters Offic ., 4th grad	e .	Oct. 1890 31st Mar. 1891	*** ***	***
Ditto	٠	Ditto	ditto		•••	Asst. Surveyor-General, in charge Photo	
D'tto		Ditto	ditto			Litho. Offices . Dy. Supdt., 3rd grade	7th May 1891. 9th June 1891.
Ditto,	•	Ditto	ditto	: :	2nd Nov. 1891	Dy. Supan, ora grade	*** POU O HUC 1007*
			Furlough	for 1 year	, from 21st Nove	embe r 1891.	
Calcutta	•	Dy. Supdt	., 2nd grade		18th Aug. 1892	••••••	144
Ditto	•	Ditto	ditto,	attached	99 w 1 Nov. 1909		
Ditto		to Head- Ditto	quarters O ditto	ffice .	23rd Nov. 1892	Asst. Surveyor-Gene-	1011 7 1 2000
Ditto		Ditto	ditto	ditto .	***	ral Ditto, in charge	10th July 1898.
						PhotoLitho. Offices	18th Aug. 1893.

Station.		Substantive	Appoint	ment.	1	Date.	Officiating Appoint- ment.	Date.
Calcutta	•	Dy. Supdt., 21 to Head-qua				Oct. 1893	144 **	
Ditto	•	Ditto	ditto	ditto .			Asst. Surveyor-Genc- ral, in charge Photo. Litho. Offices	
Ditto		Ditto	ditto	ditto .	30th	Nov. 1894	Litho. Offices .	10th July 1894,
Ditto	•		ditto	ditto .	1 000		Asst. Surveyor-Gene-	113
2100						•••	ral	20th Mar. 1895.
Ditto		Ditto	ditto	ditto .		•••	Ditto and Dy.	1
					1		Supdt., 1st grade .	6th Apl. 1895.
Ditto			ditto			Nov. 1895	Dy. Supdt., 1st grade	
Ditto	٠	Ditto, 1	.st grade,	ditto .	25th	Dec. 1895	•••••	•••
		Pri	vilege led	sve for 3	month	s, from 6th	h April 1896.	
Calcutta	•	Dy. Supdt., 1s to Head-qua				•••	Supdt., 2nd grade, and Asst. Surveyor-Gene- ral, in charge Photo Litho. Offices.	
Ditto	•	Ditto dit Surveyor-Ge PhotoLitho	neral in	and Asst. charge	10th	June 1897	2	100
Ditto			ditto	ditto .		Oct 1897	Suput, Jua Bruze	
Ditto	•		ditto	ditto .	= = = =		Supdt, 2nd grade .	5th Nov. 1897.
Ditto		Ditto	ditto	ditto .	10th	Nov. 1897		
Ditto		Ditto	ditto	ditto .	1		Supdt., 2nd grade .	26th Apl. 1898.
	-							

Renny-Tailyour, Captain Thomas Francis Bruce, R.E.—Joined the service, 14th February 1883; arrived, 21st March 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
•••	Lieutenaut, Royal Engineers	14th Feb. 1883	ļ ,	•••
On duty at the	e Royal Engineering Establishmen	t, Chatham, from	n 28th March 1883 to 31	d January 188
Roorkee .	Posted to the Indian Establish- ment Attached to the Bengal Sappers	2nd Mar. 1885	,	
	and Miners Lieutenant	4th Apl. 1885	Asst. Engr., 2nd	100
•••	Asst. Engr., 2nd grade, Mily. Works Dept. Ditto ditto	4th Mar. 1886	grade (sub. pro tem.), Mily. Works Dept	23rd Sept. 188
•		····	grade (sub. pro tem.), Mily. Works Dept.	7th Jan. 188
214	Ditto, 1st grade, ditto	let Nov. 1887		

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma . Ditto . Ditto . Ditto .	Asst. Supdt., 2nd grade, Survey of India, attached to No. 21 Party (Upper Burma) Ditto ditto . Ditto, 1st grade, ditto . Ditto ditto	1st Apl. 1888 26th Mar. 1889	Asst. Supdt., 1st grade Dy. Supdt., 4th grade	•••
Spe	cial Burma privilege leave for 2	months and 28	days, from 20th July	188 9 .
 Upper Burma .	Asst. Supdt., 1st grade, in charge Chin-Lushai Expedition Survey Detachment, Burma Column Ditto ditto, attached to No. 21 Party (Upper Burma)	16th Dec. 1889	Dy. Supdt., 4th grade	 18th Apl. 1890,
On special duty	y in connection with an Expedit	ion in Upper Bu	rma along the Chinese	Frontier, from
	21st December 1	1890 to 7th May	1891.	
Upper Burma.	Dy. Supdt., 4th grade (sub. pro tem.)		Dy. Supdt., 3rd grade Ditto ditto .	
	Promoted to Ca	ptain, 13th Augu	ıst 1891.	
Ditto Ditto Ditto Ditto Ditto Ditto Ditto	Dy. Supdt., 4th grade (confirmed), in charge No. 11 Party (Upper Burma). Ditto ditto, attached to No. 21 Party (Upper Burma) Ditto ditto, in charge ditto Ditfo ditto ditto. Ditto ditto ditto. Ditto ditto ditto. Ditto ditto ditto and No. 11 Party (Upper Burma)	13th Oct. 1891 20th Oct. 1891	Dy. Supdt., 3rd grade Dy. Supdt., 3rd grade	•••
***	Ditto ditto .		Dy. Supdt., 3rd grade	8th July 1892.
	charge of No. 11 Party on 11th Privilege leave for 3 Dy. Supdt., and grade Ditto ditto, in charge No. 21 Party (Upper Burma)	months, from 20 18th Aug. 1892	Oth July 1892. Dy. Supdt., 1st grade	
Furlough (on	- 1			
Door Bare	private affairs) for 1 year, from	гот мау 1893.	Latention for 5 mont	ns ana 23 days. I
Ditto Ditto	Dy. Supdt., 2nd grade, attached to No. 21 Party (Upper Burma) Ditto ditto, in charge No. 11 Party (Upper Burma) Ditto ditto Ditto, 1st grade, ditto	29th Oct. 1894 1st Dec. 1894 21st Jan. 1896	Dy. Supdt., 1st grade	 20th Apl. 1895,
Served	as Survey Officer with the B		indary Delimitation Co	mmission,

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. Fron-	Junior Sub-Asst. Revenue Surveyor, NW. Frontier Survey	14th Mar. 1861		
Ditto .	Sub-Asst. Revenue Surveyor, 3rd class, NW. Frontier			
	Survey	lst Jan. 1864	******	•••
Ditto .	Ditto, 2nd class .	1st Jan. 1865	******	
Ditto .	Ditto, 3rd grade .	1st Apl. 1866		•••
Ditto .	Ditto, 2nd grade.	•	•	, ,,,,
	Privilege leave for 1 m	ionth, from 2nd	January 1868.	
W. Fron-	1		1	1
tier .	Asst. Surveyor, 2nd grade .	1st Sept. 1869	•••••	***
	On special duty in Cashmere, f	rom 13th July to	31st December 1870.	•
W. Fron-)	J	1	1
tier	Asst. Surveyor, 1st grade	1st Oct. 1870		
lazara .	Asst. Conservator of Forests,	100 000 1000		"
Incara .	3rd grade	1st Jan. 1871		
Ditto .	Ditto. 2nd grade	20th July 1872	****	
	,		`	
	Privilege leave for 1	month, from 4th	h June 1874.	
ehra Dún	Asst. Conservator of Forests,	ĺ		
	2nd grade	•••	Supdt., Forest Surveys	18th July 1874
Ditto .		25th Nov. 1874	*** ***	140
Ditto .	Ditto, 1st grade .	13th Oct. 1876	*****	***
	Privilege leave for 3 m	onths, from 31st	May 1878.	
ehra Dán 🍒	Dy. Conservator of Forests,	1		
auts Dan [9]	1st grade, and Dy. Supdt., Forest Surveys	1st Sept. 1878		114
Ditto .	Ditto ditto		Dy. Conservator of Forests, 3rd grade	5th July 1880,
Ditto .	Dy. Conservator of Forests, 3rd grade, and Dy. Supdt., Forest Surveys	1st Mar. 1881		111
	•			
	Privilege leave for 3 n	nonths, from 5th	May 1882.	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment,	Date.
	Furlough for 7 mo	nths, from 7th J	une 189 3.	
Debra Dún Ditto Ditto	Dy. Conservator of Forests, 3rd grade, and Dy. Supdt., Forest Surveys Ditto ditto Supdt., Forest Surveys, and Dy. Conservator of Forests, 2nd grade	7th Jan. 1884 2nd Feb. 1887	Supdt., Forest Surveys	 22nd Feb. 1884
	Privilege leave for 3 m	ionths, from 5th	April 1988.	
Debra Dún	Supdt., Forest Surveys, and Dy. Conservator of Forests, 2nd grade Furlough for 9 mont	 hs, from 21st J a	Dy. Conservator of Forests, 1st grade .	2nd Mar. 1889
Dehra Dán	Supdt., Forest Surveys, and Dy. Supdt., 4th grade, Sur- vey of India	24th Oct. 1890		•••
Ditto Ditto Ditto	Ditto ditto ditto . Ditto and ditto, 3rd grade Ditto ditto, 1st grade .	 31st Mar. 1891 18th Aug. 1892	Dy. Supdt., 3rd grade	24th Oct. 1896
Ditto Ditto Ditto	Ditto ditto ditto . Ditto ditto ditto . Ditto ditto ditto .	28th Oct. 1895 3rd Nov. 1895	Supdt., 2nd grade .	23rd April 1895 28th Oot. 1895.
Ditto	Ditto ditto ditto . Ditto and Supdt., 2nd grade	•••	Supdt., 2nd grade	10th Jan. 1896
	fervice sanctioned by the Secretar extension sanctioned	y of State up to up to 30th Sept	close of the field season ember 1899.	1898; furthe
ehra Dún	Supdt., Forest Surveys, and Supdt., 2nd grade, Survey of India.		Supdt., 1st grade .	27th May 1896

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

Robertson, Capt. Charles Lonsdale, R.E.—Joined the service, 24th July 1886, arrived, 24th October 1888.

Station.	_	Substantive Appointment.	Date.	Officiating Appointment.	Date.
•••		Lieutenant, Royal Engineers .	 24th July 1886	*****	
104		Posted to the Indian Estabt	25th Sept. 1888	*****	"
•••		Pombay Sappers and Miners .	24th Oct. 1888	*****	l
***		Attached to the Office of Inspr.		,	
Sokkur		Genl., Mily. Works Attached to Mily. Works	11th June 1889	*** ***	***
netta .		Dept., Sukkur Defences Asst. Engr., 2nd grade, Mily.	30th July 1889	*****	•••
Ditto	Ì	Works Dept	13th Dec. 1890	,	•••
Ditto	•	Ditto, 1st grade, ditto .	11th Mar. 1891		•••
	•	Ditto ditto ditto .	•••	Executive Engineer, 4th grade	8th Apl. 189

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

Station.	_	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Quetta Ditto		Asst. Engr., 2nd grade, Mily. Works Dept	1st Mar. 1894 	Executive Engineer,	 7th Mar. 1894
Simla	•	Asst. Supdt., 2nd grade, Survey of India, attached to No. 15 Party (Baluchistan)	3rd May 1894.	g .	***
Served as S	Sut	rvey Officer with the Waziristan	Delimitation C	ommission, from 24th S	entember 1894.
Simla		Asst. Supdt., 2nd grade Ditto ditto, in charge	•••	Asst. Supdt., 1st grade	
OI LEIG	•	No. 18 Party (Himalaya)	2nd July 1895	Ditto ditto .	•••
Made over c	ha	rge of No. 18 Farty (Himalayo on 5th N	a) on 31st Octob ovember 1895.	ber 1895 and Wazirisi	lan Detachment
Mandalay	•	Asst. Supdt., 2nd grade, in charge No. 21 Party (Upper	·	[
Ditto		Burma)	2nd Dec. 1895 21st Jan. 1896	Asst. Supdt., 1st grade	***
		Made over charge of No. 21 Pa	erty (Upper Bur	ma), 30th October 1896.	•
Simla .	•	Asst. Supdt., 1st grade, in charge No. 18 Party (Himallaya)	12th N ov. 1896		61
		Promoted to Cap		ber 1896.	
Simla .		Asst. Supdt. 1st grade, in		· ·	
		charge No. 18 Party (Hima-	•••	Dy. Supdt., 2nd grade	195h Apl. 1897
Se	e ro	ed as Survey Officer with the Ma	lakand Field Fo	rce, from 6th August 18	<i>39</i> 7.
	S	erved as Survey Officer with the Special duty at Si			98.
Simla	•		27th May 1898		
War Servic	e s.	—Served as Survey Officer with served as Survey Officer with the			

Ryder, Capt. Charles Henry Dudley, R.E.—Joined the service, 24th July 1886; arrived, 24th October 1888.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
•••	Lieutenant, Royal Engineers. Posted to the Indian Estab.	24th July 1886		1+4
•••	lishment	25th Sept. 1868		

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Dato.
Kirkee .	Attached to the Bombay Sappers and Miners	27th Oct. 1888	 Company Officer .	27th Oct. 1888 to 22nd May 1889.
Allahabad . Lucknow . Bara Banki . Sitapur Naini Tal	Asst. Engr., 2nd grade, P. W. Dept. Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto Ditto ditto	24th May 1889 26th May 1889 3rd June 1889 16th June 1890 18th Oct. 1890 30th Nov. 1890	Asst. Engr., 1st grade (sub. pro tem.)	 12th Sept. 1890
Aligarlı .	Ditto ditto	15th May 1891		•••
Simla	Privilege leave for 3 m Asst. Supdt., 2nd grade, Survey of India, attached to No. 18 Party (Himalaya) Privilege leave for	29th Nov. 1891		
Simla	Asst. Supdt., 2nd grade, attached to No. 18 Party (Himalaya) Ditto ditto, No. 11		Asst. Supdt., 1st grade	1st Nov. 1892.
Ditto .	Party (Upper Burma) Ditto ditto, in charge	1st Oct. 1893	Ditto ditto	•••
Seroed as Surv	dittoey Officer attached to the Meko 189		•	94 to 17th Mag
Calcutta .	· •	1st Jan. 1895 21st Mny 1895		•••
Privilege leave	for 1 month and 3 days, fro	m 22nd May to Tune 1895.	24th June 1895, recall	led to duty, 25th
	Elected for continuous	Indian service,	24th July 1895.	
Madras . Ditto .	Asst. Supdt., 1st grade, attached to No. 19 Party (Madras) Ditto ditto in charge	8th July 1895	••••	***
Ditto	ditto Ditto ditto ditto . Ditto ditto ditto .	9th July 1895 6th Oct. 1895	Dy. Supdt., 2nd grade	16th Sept. 1895
Ditto	Ditto ditto ditto .) ptain, 31st Dece	Dy. Supdt., 2nd grade	10th Jan. 1896.
dadrna .	Dy. Supdt., 2nd grade, in charge No. 19 Party (Madras)	1	1	
	Furlough for 2 ye	ars, from 20th 1	March 1897.	1
:				
			1	1

Sandeman, Colonel John Edward, I.S.C.—Joined the service, 7th June 1861; arrived, October 1861.

Station.	Substautive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Joined the Royal Militar	y College at Add	liscombe in 1860.	<u> </u>
***	Ensign, Bengal Infantry Ditto, attached to H. M.'s	7th June 1861	*****	***
	90th Light Infantry			***
Joined the Cir College fin	Promoted to Li in India on private affairs for 1 vil Engineering College at Roon al examination, and obtained cer nt of Publio Works.	rkee, March 186	lays, from 15th Decemb 33, and in September	1864 passed ti
Nagpore .		6th Oct. 1864	•••••	
Punjab	Oudh Survey Ditto, NW. Survey Party	17th Feb. 1866	*****	
unjas	Joined the Bengal			•
Punjab .	Asst. Supdt., 2nd grade, NW.		1249 1007	1
unjun		1st Sept. 1869		
$oldsymbol{F}_{i}$	urlough to Europe for 1 year 11	months and 3 da	ys, from 14th March 1	370.
Nagpore .	Asst. Supdt., 1st grade, 2nd Divn.	21st Feb. 1872	•••••	•••
•••	Ditto, ditto, C. P. Survey, in charge 2nd Divn. Survey.	19th June 1872	*****	
Moradabad .	Asst. Supdt., 1st grade, Morada- bad Cadastral Survey	1st Oct. 1872	*****	***
Midnapur .	Ditto, ditto, in charge Midnapur Survey	21st Mar. 1873	*****	***
	Promoted to C	aptain, 7th June	1873.	
Goalpara .	Asst. Supdt., 1st grade, Goal- para Survey, Assam	30th Dec. 1873	••••	•••
Arrah	Ditto ditto, Soane Irrigation Survey	1st Oct. 1874	450 ***	***
Darjeeling .	Ditto ditto, in charge Darjeeling Waste Lands Sur-	1st Oct,1875		***
Hazaribagh .	Ditto ditto, in charge Dhanwar Estate Survey	1st Oct. 1875	******	•••
Ditto . Ranchi .	Ditto ditto	 8th Nov. 1876	Dy. Supdt., 3rd grade	15th May 187
Rangoon .	Ditto ditto Ditto		Dy. Supdt., 3rd grade	14th July 187
	charge British Burma Cadas- tral Survey	1st Dec. 1878	Dy, Supdt., 3rd grade	•••
Ditto .	Dy. Supdt., 3rd grade, in charge British Burma Cadas-		- I	
		1st Jan. 1879.		1**
7	Promoted to Purlough to Europe for 1 year 2 i	Major,7th June months and 22 da	1881. we. from 9th August 18	<i>91</i> .
Calcutta .	Dy. Supdt., 3rd grade, on duty Head-quarters Office		44114	***
lorakhpur .	Ditto ditto, in charge Gorakhpur District Cadastral			ı
Ditto .	Survey, NW. P. Ditto ditto	1st Nov. 1883	Dy. Supdt., 2nd grade	24th Sept. 188
Ditto .	Ditto, 2nd grade, in charge Gorakhpur District Cadastral Survey., NW. P.	19th Feb. 1887		•••

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Promoted to Lieuter	rant-Colonel, 7th	June 1887.	
I	rivilege leave for 3 months, fron	ı 11th July 1887	; overstayed it by 3 day	/8•
Naini Tal . Ditto .	Dy. Supdt., 2nd grade, in charge No. 5 Party (NW. P.) Ditto, 1st grade, ditto	31st Mar. 1891	Dy. Supdt., 1st grade	31st Oct. 1890.
	Privilege leave for 3	months, from 30	th June 1891.	
Naini Tal .	Dy. Supdt., 1st grade, in charge		1	
Cuttack .	No. 5 Party (NW. P.) Ditto ditto, in charge	1st Oct. 1891	•••••	***
Calcutta and	No. 8 Party (Orissa) Ditto ditto, on Special	28th Nov. 1891	944.944	140
Cuttack. Bengal	duty	12th Jan. 1892 8th Mar. 1892	*****	***
Ditto .	Ditto ditto, and Director, Bengal Surveys	1st April 1892	****	•••
F	urlough out of India on private	affairs for 6 mor	nths, from 18th April 18	892.
lengal.	Supdt., 1st grade, and Director, Bengal Surveys	18th Aug. 1892	•••••	•••
valent.	Ditto ditto	20th Oct. 1892 lonel, 29th Augu		•••
	Privilege leave for 1 month			
alcutta 1	Dy. Surveyor-General, in charge		m oin August 1052.	
	Revenue Branch, and Director, Bengal Surveys	26th Mar. 1895	******	***
Spe	cial leave for 5 months and 24	days, from 4th 1	May to 27th October 18	89 5 .
lcutta .	Dy Surveyor-General, in charge Revenue Branch	28th Oct. 1895		***
	Furlough for 1 year and	125 days, from	1st May 1897.	
	Served with the Black Mountain			

War Services.—Served with the Black Mountain Expedition in Hazara under Major-General Alfred Wilde, from 15th August to 31st October 1868; was present at the advance from Munna Kaduna, and the taking of the Machai peak; assisted in surveying the route taken by the force and the surrounding country, under the direction of Colonel H. C. Johnstone, and compiled a map of the same—received the Frontier Medal.

Scott, George Batley.-Joined the service, 1st May 1863.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
North-West				
Frontier .	Junior Sub-Asst. Rev. Sur- veyor, North-West Frontier]]		
Hazara .	Revenue Survey Sub-Asst. Rev. Surveyor, 4th	1st May 1863	******	
	grade	1st Jan. 1866		7.61
Ditto .	Ditto, 3rd grade.	15th Dec. 1866	******	
	Accompanied Black Mountain	 Expedition, Augu) ust to 31st Octobe r 186 8) 3.
	Privilege leave for 1 m	onth, from 1st I	November 1863.	
Hazara .	Asst. Surveyor, 3rd grade .	1st Sept. 1869		١
	Privilege leave for 1 n	nonth, from 1st (October 1869.	
Kaghan Valley		15th Dec. 1869		
Assam .		15th Dec. 1871	1	""
Ditto .	Surveyor, 4th grade Ditto ditto	15th Dec. 1874 Aug. 1875	ſ	
Darjeeling . Punjab .	Ditto ditto, Punjab	Aug. 1070	*****	
. unjus	Rev. Survey	Oct. 1876		
	Privilege leave for 29	days, from 11th	September 1878.	
Dehra Dún .	Surveyor, 3rd grade, Punjab		1	l
	•	18th July 1879	•	
During	1879-80 attached to Intelligence Af	: Branch, Quarte Ghanistan.	er-Master-General's De	partment,
Punjab .	Surveyor, 3rd grade, Punjab		1	ľ
	Rev. Survey	14th June 1880		···
Rawal Pindi .	Ditto, 1st grade . Ditto ditto, Baluch. Topl. Party	5th Sept. 1883	*** - * *	
Baluchistan .	,	_	•	7 4004
Employ	yed with the Zhob Valley Expedi	tion, from 16th i	September to 9th Noven	nde r 1554. I
Simla	Asst. Supdt., 2nd grade Ditto ditto, on deputation to	10th Nov. 1884	Asst. Supdt., 1st grade	10th Noy, 189
	QM. G.'s Department.	Jan. 1885	Ditto ditto .	,
Central Pro-				ł
vinces .	Ditto, 2nd grade, Bilaspur	1-4 0-4 1005		1
	Dist. (C. P.), Cadl. Survey . Ditto ditto	1st Oct. 1885	Dy. Supdt., 4th grade	26th Oct. 186
•••	Ditto, 2nd grade.		Asst. Supdt., 1st grade	27th Oct. 188
•••	Ditto ditto	[]	Dv. Sundt., 4th grade	18th Nov. 188
•••	Ditto ditto		Asst. Supdt., 1st grade	9th Dec. 188
•••	Ditto, 1st grade	19th Feb. 1887		•••
•••	Ditto ditto in charge			
•••	Bilaspur District Cadl.			
	Survey	26th Feb. 1887		" 100
•••	Ditto ditto .		Dy. Supdt., 4th grade	8th June 188
***	Ditto ditto	30th Aug. 1887	*****	1**
***	Ditto, 1st grade, in	l		1
	charge Sriungar Wards' Estate	l		
	Survey, afterwards called No.	28th Nov. 1887		
		EXSTR NAC INST.		***
	4A Party (Srinagar)	2000 1407. 1007	*****	
•••	Ditto ditto (and Burd- wan Khas Mehals Survey)		Dy. Supdt., 4th grade	21st June 188

Ditto Ditto, ditto ditto Ditto, ditto ditto Furlough to Europe on private affairs for 6 months, from 18th June 1891. Ditto Ditto, ditto Ditto, Ditto, ditto Ditto, Ditto, ditto, ditto Ditto, Ditto, ditto, ditto Ditto, Ditto, ditto, on deputation as Superintendent, Settlement Surveys Ditto, Ditto, ditto Ditto, dit	Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Ditto Ditto Ditto, ditto ditto Ditto, ditto ditto Ditto, ditto ditto Ditto, ditto ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditt	Ditto .	No. 3 Party (Kyaukse) . Dy. Supdt., 4th grade, ditto Ditto, ditto No. 3 Party	1st Apl. 1890	Dy. Supdt., 4th grade	***
Ditto, ditto, ditto ditto ditto, ditto ditto ditto, ditto		Ditto, ditto ditto .		Dy. Supdt., 3rd grade	4th Nov. 189
Ditto Ditto, ditto Ditto, ditto, ditto Ditto, ditto	Ditto .	,	l	, • • •	, -
No. 3 Party (Mandalay) Ditto, ditto Ditto, Ditto, ditto, ditto Ditto, Ditto, ditto, ditto Ditto, Ditto, ditto, ditto Ditto, ditto, ditto Ditto, ditto, on deputation as Superintendent, Settlement Surveys Ditto, ditto Ditto, d		Furlough to Europe on private a	fairs for 6 mont	hs, from 18th June 189	1.
	Ditto Ditto Ditto Ditto Oudh.	No. 3 Party (Mandalay) Ditto, ditto Ditto, 2nd grade, ditto Ditto, ditto, ditto Ditto, ditto, ditto Ditto, ditto, on deputation as Superintendent, Settlement Surveys Ditto, lst grade, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto	18th Aug. 1892 6th Nov. 1893 14th Dec. 1894 26th Mar. 1895 1st Aug. 1896 21st Dec. 1896	Ditto, 1st grade Dy. Supdt., 1st grade Ditto, ditto Supdt., 2nd grade Supdt., 2nd grade Supdt., 2nd grade	18th Aug. 189
				· :	

War and Trans-Frontier Services.—In 1867 reconnoited independent hill tracts of Allahi Nandihar Tikari and eastern slopes of Black Mountain; repulsed night attack on camp, 23rd April.

1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry"
Punjab Government; accompanied Black Mountain Expedition—Medal and clasp.

1869, reconnoitred independent tracts of Chilas and Kohistan between Indus and Kaghan.

1870, reconnoited hill country round Peshawar district; fired on by Hussan Khel, 1871, reconnoited small portion, Bhutan hills, touching on District Darrang, Assam.

1877, accompanied Jowaki-Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government.

1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Doh Sarak and Fattchobad; accompanied 1st and 2nd Bazar Valley Expeditions; mentioned in Despatches; attacked by Mohmands near Michni while reconnoitring alternative routes to the Khyber; "conspicuous gallantry" displayed on the occasion, cordially acknowledged by the Viceroy in Council; ascended summit of Sikaram, Sofed-koh, 29th May 1879, and received congratulatory telegram from Commander-in-Chief as having been the first European who had done so; services during campaign acknowledged by Secretary of State for India, by the Governor-General, by the Commander-in-Chief

and by the Punjab Government—Medal and clasp; personal allowance of R100 per month and special grant of R1,000; recommended by Viceroy and Commander-in-Chief for direct Captaincy in

Staff Corps, disallowed by War Office.

1879-80, attached to Quarter Master General's Department during 2nd Afghan Campaign; completed reconnaissance of Afridi and Mohmand countries; accompanied General Tytler's Ergelin tion against the Zaimukhts; services acknowledged by Commander-in-Chief; mentioned in Despatches, October and November 1884; accompanied Zhob Valley Expedition; services acknowledged by Governor-General in Council.

country, and various other parts of Afghanistan.

"Pathans of the North-Western Frontier."

"At Surveyor's Normative in Afghanistan."

"Blockwood 1070 Literary Works. - Reports on Tirah, Mohmand

" At Surveyor's Narrative in Afghanistan."

"Pushto Vocabulary" for Explorers.

Spring, Alfred Edward.—Joined the service, 15th August 1881.

Station.	,	Substantive	Appointment.	Date.	Officiating Appoint- ment.	Date.
Bom bay	•	Proby. Asst. S Nasik Rever	Supdt., Poona and nue Survey .	15th Aug. 1881		
22nd A Taluka	Iay . K	1881 (also acti zladgi District	ed as Special Off ts, Bombay, from	lcer on Famine 1 4th May to 15th	ollector in Sind from 24 Duty, P. W. D.); in ch December 1879, and red 1325-P., dated 5th Dec	eived thanks
Bomba y Ditto	•	and Nasik l	5th grade, Poona Revenue Survey. th grade	16th Oct. 1883 16th Oct. 1884		,,,,
		Priv	vilege leav e for 2 n	nonths, from 27th	h April 1885.	
		Privi	ilege leave for 3 n	nonths, from 1st	August 1887.	
Bomb ay	•		3rd grade, Poona Revenue Survey .	16th Oct. 1887		
		Privilege	e leave for 2 month	hs and 17 days, fr	rom 4th April 1890.	
Bombay	•	Asst. Supdt., 2	end grade, Poona Revenue Survey .	- 1		***
Relin quishe	d c	harge of his d	duties in the Bon 1891	nhay Revenue Su! (afternoon).	rvey Department on the	e 176h Februar)
Calcutta Ditto	•	of India, a Quarters Off	2nd grade, Survey ttached to Head- lce	18th Feb. 1891	Asst. Supdt., 1st grade	3rd Mer. 1891
Rangoon	•		ditto, attached ty (Thông wa) .	12th Mar. 1891	Ditto, ditto	411
		Pr	rivilege leave for 1	month, from 30	th July IS91.	
Mandalay 	•	ed to No. 12	end grade, attach- Party (Minbu) . tto, No. 3 Party	8th Oct. 1891 20th Sept. 1892	Asst. Supdt., 1st grade	ges
-					ctober to 23rd Novembe	_ 1000

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Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mandalny	-	Asst. Supdt., 1st grade Ditto, ditto, attached	12th Oct. 1892		
mandainy	•	to No. 3 Party (Mandalay) .	24th Nov. 1892	***	
Ditto	•	Ditto, ditto		In temporary charge No. 12 Party (Magwe).	24th Sept. 1893.
Ditto	•	Ditto, ditto		Dy. Supdt., 2nd grade, ditto	1st Oct. 1898.
Ditto		Ditto, ditto	18th Oct. 1893		٠.
		Furlough from 20th 2	ipril 1894 to 19t	h March 1896.	
Calcutta			23rd Jan. 1896		•••
	•		20th Mar. 1896	******	
Ditto	•	Ditto, ditto, and Asst.			
Ditto		Surveyor-General	22nd Jan. 1897	Dy. Supdt., 1st grade	9th May 1897.
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Strahan, Major-General Charles, R.E.—Joined the service, 8th June 1860; arrived, October 1862.

Station.	Substantive Appointment.	Date,	Officiating Appoints- ment.	Date.
	Joined Military Col	lege, Addiscombe	e, August 1858.	
***	Lieutenant, Royal (late Bengal) Engineers	8th June 1860	******	
On duty at	Royal Engir wing Establishme	nt. Chatham, fro	m 1st August 1860 to	Karch 1862.
entral India	Mily. 2nd Asst., attached to Central India Topl. Survey		1	
	Appointed Survey Officer with t	26th Sept. 1863 he Bhutan Field	 Force in October 1865	
A	A Surveyor, 1st grade, Topl.	lst Apl. 1866	Force in October 1865	
A	Appointed Survey Officer with the Surveyor, 1st grade, Topl. Officer with the Survey Officer with the Surveyor, 1st grade, Topl. Officer with the Survey Officer with the Su	lst Apl. 1866	Force in October 1865	•
entral India	Appointed Survey Officer with the Surveyor, 1st grade, Topl. 2y 2y 2y 2y 2y 2y 2y 2y 2y 2y 2y 2y 2y	1st Apl. 1866 16th July 1866 1st Dec. 1867		

Station), 	Substantive A	Appointment	;.	Date.	Officiating Appointment.	Date.
_			Promoted t	o C	- 'aptain, 20th A	ugust 1872.	
Central In	dia	Dy. Supdt., 3rd Ceutral India			•••	Dy. Supdt., 2nd grade,	4th Jan. 18
•••		Ditto, Ditto,	ditto ditto	•	1st Apl. 1874		1et Feb. 18
•••		Ditto, Ditto,	ditto ditto	•	5th Oct. 1878	Dy. Supdt., 2nd grade, Topl. Survey .	 27th Oct. 18
***		Ditto,	ditto	•	22nd Apl. 1879	······	•••
Served as	Sur	vey Officer with	the Peshawa	r I	Tield Force in A	l fghanistan, from March	to June 197
 Debra .		Dy. Supdt., 3rd g	grade .	•	 14th Mar. 1880	F	1st Nov. 189
Denia .	• 1	,	_				
					rs ana 15 aays,	from 27th Morch 1880.	
Kajputana 		Dy. Supdt., 3rd g Rajputana Surv Ditto, d		ge	11th Oct. 1880	Dy. Supdt., 2nd grade	18th Oct. 1
		Pro	moted to Br	eve	t-Major, 2nd M	Tarch 1881.	
			Promoted :	to 1	Major, 1st July	1881.	
Calcutta Ditto Ditto		Dy. Supdt., 3rd g Dirto, 2nd g Ditto, ditt	rade .	:	 10th Jan. 1884	Asst. Surveyor-General Ditto	24th Jaly 18
Ditto		Surveyor-Genera Ditto,			23rd May 1884 	Dy. Supdt., 1st grade	3rd Dec. 18
						il to 4th May 1886.	
	F_{0}	urlough to Europ	e for 1 year	5 1	months and 20 d	lays, from 4th May 1886	• `
Calcutta	. 1	Dy. Supdt., 2nd Asst. Surveyor-G	grade, an leneral	d	24th Oct. 1887		100
					utenant-Colonel	, 1st July 1888.	
alcutta Ditto]	Dy. Supdt., 2nd Asst. Surveyor-G Ditto, 1st				Dy. Supdt., 1st grade	1st Nov. 15
Ditto		Asst. Surveyor- Ditto, ditto,	General		26th Apl. 1889	Dy. Surv or-General, in charge Revenue	 1th Apl. 18
Ditto Ditto	•	Ditto, ditto, Ditto, ditto,		. 1	.6th July 1889	Dy. Surveyor-General	 gela Vet, l
	,		_	1		Branch .	1
alcutta	•] D	Promoted to Re y. Surveyor-Gene Revenue Branch	ral, in charge	:]	enant-Colonel,	10th December 1	
Ditto	.	tem.)	(confirmed) .		2nd Apl. 1891 1st July 1892	st gr	e48 F43
		P_{i}	romoted to (Colo	nel, 12th April	1893.	
		Privileg	ge leare for	3 m	onths, from 4th		

etation.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta Ditto	•	Dy. Surveyor-General, in charge Revenue Branch Surveyor-General of India			***
	-	Promoted to Major-G		•	•••
		Extension of service			
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War Services. Scrved with the Bhutan Field Force, in charge of reconnoitring party under General Tytler, from October 1865 to 16th July 1866—Medal; served with the Peshawar Field Force in Afghanistan, under Sir Samuel Brown, from March 1879 to end of first campaign in June 1879.—Medal and mentioned in despatches—Brevet of Major.

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
On duty at 1	the Royal Military College, Sand	hurst, from 1st	September 1885 to 24th	August 1886.
•••	Lieutenant, Wiltshire Regt Apptd. to the Bengal Staff			•••
	Corps	14th Mar. 1888	Wing Officer (on pro- bation), 31st Punjab	
***	Ditto, ditto	•••	Infy Ditto, and Qr. Mr.,	14th Mar. 1888.
	Language leave, fro	m 5lh May to 24		14th Apl. 1888.
***			Wing Officer, 29th	
		•••	Punjab Infy.	6th Jan. 1891.
***			Qr. Mr., 31st Punjab	oth can, 1002,
	1 -		Infy.	4th June 1891.
	Leave on private affairs, from 18	th November 189	I to 19th September 189	2.
	Asst. Supdt., 2nd grade (on probation), Survey of India, attached to Head-Quarters			
Biher	Office Ditto, ditto, attach-	28th Sept. 1892		***
	cd to No. 4 Party (Bihar)	1st Nov. 1892	,l	***
	Medical leave for 2 m	onths, frem 10t	h May 1893.	

Ste	stion) .	Substantiv	e Appoin	tment.	Date.	Officiating Appointment,	Date.
Bihar	•	•	Asst. Supdt., 2 ed), attache					
Ditto			(Bihar) Ditto,	ditto.	attached	28th Sept. 1893	Asst. Supdt., 1st grade	28th Sept. 1893,
			to Nos. 2 and			1st Oct. 1893	Ditto, ditto	•••
Ditto			Ditto.	ditto,	ditto .	1st Nov. 1893	321000) 41000	
Ditto			Ditto.	ditto.	ditto .		Ditto, ditto	28th Apl. 1894.
Ditto			Ditto,		attached	1] 21015, 11000	
	_	-	to Nos. 4		Parties			1
			/m:1 \			1st Oct. 1894	Ditto, ditto	l
Ditto			Ditto,	ditto,	ditto .		Ditto, ditto.	""
			'	•			in temporary charge	
			ĺ			ĺ	Nos. 2 and 8 Parties	!
			[(Bihar)	13th June 1895.
Ditto			Ditto,	ditto,	ditto .	1st Oct. 1895	Asst. Supdt., 1st grade	
Ditto			Ditto, ditte	o, in cha	rge ditto	14th Oct. 1895	Ditto, ditto	
Ditto			Asst. Supdt., 1	lst grade,	ditto	17th Dec. 1895		}
Ditto		•	Ditto,	ditto,	ditto		Dy. Supdt., 2nd grade	20th June 1896.
Ditto	•		Ditto,	ditto,	ditto	5th Oct. 1896	•••••	
Ditto		. !	Ditto,	ditto,	ditto		Dy. Supdt., 2nd grade	13th Oct. 1896
Ditto	•	· • Ì	Ditto,	ditto,	ditto	1st Dec. 1896	*****	
Ditto			Ditto,	ditto,	ditto		Dy. Supdt., 2nd grade	12th Dec. 1896.
Ditto	•		Ditto,	ditto,	ditto	21st Dec. 1896	*****	
Ditto		٠ ا	Ditto,	ditto,	ditto	•••	Supdt. of Settlement	
		- }	-				Surveys in Bengal .	12th Feb. 1897.
Ditto		•	Ditto,	ditto,	ditto		Dy. Supdt., 2nd grade and ditto	1st Mar. 1897.
Ditto			Ditto,	ditto,	ditto	16th Mar. 1897	Supdt. of Settlement	ı
Ditto			Ditto,	ditto,	ditto	•••	Surveys in Bengal . Dy. Supdt., 2nd grade	17th Mar. 1897

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

Promoted to Captain, 25th August 1897.

Assam Ditto Ditto	,		Asst. Supdt., 1st grade, in charge No. 6 Party (Assam) Dy. Supdt., 2nd grade, ditto Ditto, ditto, ditto.	25th Aug. 1897 17th Fob. 1898	Dy. Supdt., 2nd grade Dy. Supdt. 1st grade	 6th May 1898.
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War Services.—Served with the 29th Punjab Infantry during the first and second Miranzai Expeditions,

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	2nd Lieutenant, R.E.	13th Feb. 1891	*****	
	oyal Engineering Establishment, Company, B.E., C ork H a rbour, J			
Agra	Attached to Mily. Works Dept.	25th Oct. 1893		-41
	Promoted to Lieute	nant, 13th Febru	ary 1894.	'
	Privilege leave for 60	days, from 13th	h August 1894.	
Chin Hills .			Asst. Engr., 2nd grade, P. W. D., Burma, on special duty, Road Survey	12th Jan. 1895
 Calcutta	Reverted to Mily Works Dept. Posted to Fort William Divi-	10th July 1696	*****	•••
Ditto .	sion, Mily. Works Dept. Ditto, ditto.	14th July 1896	Asst. Engr., 2nd grade, Mily, Works Dept.	 25th July 1896
Buksa Duars . Allahabad .	Asst. Engr., 2nd grade, Mily. Works Dept., Buksa Duars Sub-Division Joined P. W. D. temporarily for	21st Nov. 1896		•••
Jhansi .	duty on Famine Relief Inspecting Officer, Famine	2nd Mar. 1897	******	•••
	Relief Works, Jhansi Division Replaced at disposal of Mily.	16th Mar. 1897	*****	•••
Debra Dun .	Dept. Asst. Supdt., 2nd grade, Survey of India, attached to the Trigonometrical Branch	29th Sept. 1897		
•		31st Jan, 1898	111101	
Wan Ga	Privilege leave for 3	months, from 2	0th M ay 1898.	

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

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

Zhob Quetta Ditto, ditto, Zhob Division Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto Ditto, ditto Ditto, ditto Ditto, ditto Privilege leave for 85 days, from 10th December 1894. Quetta Asst. Engineer, 2nd grade, Military Works Ditto, ditto Asst. Engineer, 1st grade, Military Works Dera Ismail Khan Language leave for 3 months, from 13th July 1896. Dera Ismail Khan Asst. Engineer, 1st grade, Military Works Asst. Engineer, 1st grade, Military Works Asst. Engineer, 1st grade, Military Works Asst. Engineer, 1st grade, Military Works Asst. Engineer, 1st grade, Military Works Asst. Engineer, 1st grade, Military Works Asst. Engineer, 2nd grade, Public Works Department Asst. Engr., 2nd grade, Public Works Department Asst. Supdt., 2nd grade, Survey of Indin, attached to Computing Party			<u>.</u>		
Manora	Station.	Substantive Appointment,	Date.		Date.
Manora . Attached to Military Works Department, Karachi Division	•••	Posted to the Indian Establish-			
Ditto . Ditto, ditto, ditto . Ditto, ditto, Zhob Division . Ditto, ditto, Zhob Division . Ditto, ditto, Quetta ditto . Ditto, ditto, Quetta ditto . Ditto, ditto, Quetta ditto . Ditto, ditto, ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto	Manora .	Attached to Military Works	2nd Mar, 1892	301 /41	
Zhob Quetta Ditto, ditto, Zhob Division Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto, Quetta ditto Ditto, ditto Ditto ditto ditto Ditto Ditto, ditto Ditto ditto ditto Ditto Ditto, ditto Ditto ditto ditto Ditto Ditto ditto ditto Ditto Ditto ditto ditto Ditto Ditto Ditto ditto Ditto		sion	6th Apl. 1892		
Quetta Ditto, ditto, Quetta ditto 19th Feb. 1894 Ditto, ditto	- 1		0001 711 1000		8th Jan. 1893.
Privilege leave for 85 days, from 10th December 1894. Quetta . Asst. Engineer, 2nd grade, Military Works	•				
Quetta . Asst. Engineer, 2nd grade, Military Works	•	· · · · ·			,
Wano Ditto, ditto	Quettn .		{		ſ
Dera Ismail Khan. Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Language leave for 3 months, from 13th July 1896. Asst. Engr., 2nd grade, Public Works Department Dilito Of India, attached to Computing Party Ditto, attached to Computing Party Ditto, attached to No. 24 Party (Baluchistan) Ditto, 1st grade, ditto Ditto ditto ditto Ditto Trivilege leave for 3 months, from 11th May 1898.		Military Works	26th Sept. 1894		
Dera Ismail Khan. Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Language leave for 3 months, from 13th July 1896. Asst. Engineer, 1st grade, Military Works Language leave for 3 months, from 13th July 1896. Asst. Engr., 2nd grade, Public Works Department Computing Party Ditto, attached to Computing Party Ditto, attached to No. 24 Party (Baluchistan) Ditto, 1st grade, ditto Ditto ditto ditto Ditto ditto ditto, months, from 11th May 1898.	Wano .		•••		
Dera Ismail Khan. Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Language leave for 3 months, from 13th July 1896. Asst. Engr., 2nd grade, Public Works Department Public Works Department 22nd Apl. 1897 22nd Apl. 1897 22nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1897 2nd Aug. 1898 Asst. Engr., 2nd grade, Public Works Department 25th Sept. 1896 26th Sept. 1896 27th Feb. 1898 27th Feb. 1898 27th Feb. 1898 28th Feb. 1896 28th Sept. 1896					7th Apl 1895
Khan. tary Works 29th Feb. 1896 Ditto, ditto Language leave for 3 months, from 13th July 1896. Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Asst. Engr., 2nd grade, Public Works Department Dehra Dun . Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party Ditto . Ditto, attached to No. 24 Party (Baluchistan) 2nd Aug. 1897 Ditto . Ditto ditto ditto Dy. Supdt., 2nd grade 6th May 1898 Privilege leave for 3 months, from 11th May 1898.	Dera Ismail	Asst. Engineer, 1st grade, Mili-		paromeno	1 (H Api, 1000,
Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Dehra Dun Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party Ditto, attached to No. 24 Party (Baluchistan) Ditto Ditto, 1st grade, ditto Ditto Ditto ditto ditto Ditto ditto ditto Privilege leave for 3 months, from 11th May 1898.			29th Feb. 1696	Ditto, ditto .	•••
Dera Ismail Khan. Asst. Engineer, 1st grade, Military Works Dehra Dun Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party Ditto, attached to No. 24 Party (Baluchistan) Ditto Ditto, 1st grade, ditto Ditto Ditto ditto ditto Ditto ditto ditto Privilege leave for 3 months, from 11th May 1898.		Language leave for 3	months, from 13t	h July 1896.	
Dehra Dun . Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party . Ditto, attached to No. 24 Party (Baluchistan) . Ditto, 1st grade, ditto Ditto ditto ditto . Ditto ditto ditto . Drivilege leave for 3 months, from 11th May 1898.	Dera Ismail				
Dehra Dun . Asst. Supdt., 2nd grade, Survey of India, attached to Computing Party			•••	Public Works De-	
of India, attached to Computing Party]			partment	26th Sept. 1896.
Baluchistan . Ditto, attached to No. 24 Party (Baluchistan)	Dehra Dun .				
Baluchistan . Ditto, attached to No. 24 Party (Baluchistan)			22nd Apl. 1897		
Ditto . Ditto, 1st grade, ditto 17th Feb. 1898 Ditto ditto ditto Dy. Supdt., 2nd grade 6th May 1898. Privilege leave for 3 months, from 11th May 1898.	Baluchistan .				
Ditto . Ditto ditto ditto . Dy. Supdt., 2nd grade 6th May 1898. Privilege leave for 3 months, from 11th May 1898.					***
Privilege leave for 3 months, from 11th May 1898.	-		17th Feb. 1898	De Sandt 2nd grade	6th May 1898,
- · · · · · · · · · · · · · · · · · · ·	Ditto.				<u> </u>
Liected for Continuous Invital Service, 27th December 1007.			•	•	
		Electea for continuous in	aran service, 27th	December 1057.	,
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Wahab, Brevet-Lieut. Colonel Robert Alexander, C.I.E., R.E.—Joined the service, 29th April 1873; arrived, 8th March 1876.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
•••	Lieutenant, Royal Engineers .	29th Apl. 1873		•••
On duty a	Royal Engineering Establishment	, Chatham, from	1 1st January 1874 to I	Decembe r 1875.
 D. 1	Posted to the Indian Establishment	1st Jan. 1876	•••••	•••
Bangulore	Attached to Sappers and Miners	Mar. 1876		•••
•••	D., Military Works Branch Ditto, ditto	Jan. 1881 	Executive Engineer, 4th	
Rajputana	. Asst. Supdt., 2nd grade, No. 1		grade	Mar. 1882
	Rajputana Party Ditto, ditto, ditto Ditto, 1st grade, ditto.	8th Jan. 1883 7th Aug. 1884	Asst. Supdt., 1st grade	 1st Feb. 1863
Baluchistan	Ditto, ditto, in charge No. 3 Topographical Party,	`		•••
Ditto	Baluchistan Survey Ditto, ditto, ditto . Ditto, ditto, ditto .	19th Aug. 1884 1st Sept. 1884	Dy. Supdt., 4th grade	26th Aug. 1884
Daluchistan	Ditto, ditto, in charge ditto.	14th Sept. 1884 17th Dec. 1884	Ditto, ditto	•••
	Served as Survey Officer with Promoted to Ca	_		
Sec. 1.1		prain, oin o anac	ir y 1000.	
Jorakhpur -imla .	Asst. Supdt., 1st grade, Gorakh- pur District (Cadastrul Survey)	8th Nov. 1885	Dy. Supdt., 4th grade	
	Himalaya Party	21st Apl. 1886	Ditto, ditto	•••
	Elected for continuous Inc	dian service, 25t	h September 1886.	
Balnchistan 	Asst. Supdt., 1st grade, in charge No. 16 Party Dy. Supdt., 4th grade, ditto .		Dy. Supdt., 4th grade	•••
Served a	s Survey Officer with the Hazara	· · · · · · · · · · · · · · · · · · ·		ember 1888.
•••	Dy. Supdt., 4th grade, Hazara		ı	
Pelira	Field Force	 23rd Nov. 1898	Dy. Supdt., 3rd grade Ditto, ditto	15th Nov. 1888.
litto	Ditto, ditto, ditto	23rd Dec. 1888		•••
	Proceeded on military duty	to Europe, 23rd	l February 1889.	
	Furlough for 1 year,	from 1st Decem	iber 1889.	
ebr a	Dy. Supdt., 4th grade, Trigono- metrical Branch Office		Dy. Supdt., 3rd grade	30th Nov. 1890.
Serve	d as Survey Officer with the Mira	nzai Field Force	e, January and Februar	y 1891.
Served o	s Survey Officer with the Hazara .			
azata	Dy. Supdt., 3rd grade	19th Feb. 1891		***
inla . den .	Ditto, ditto, Ditto, ditto, in charge Aden Party	23rd June 1891 1st Oct. 1891	******	•••
	<u> </u>		<u> </u>	

Mussooree Dy. S Ade Served as Survey C Calcutta Dy. S to F Calcutta Dy. S to F Calcutta Dy. S to F Calcutta Dy. S to F Calcutta Dy. S to F Calcutta Dy. S to F Calcutta Dy. S to F Calcutta Dy. S to F No. char Char Served as Survey C Dy. S	Officer with the Isazai Field Supdt., 1st grade, attached Head-Quarters Office Promoted to M. Supdt., 1st grade, attached Head-Quarters Office Privilege leave for 2 months of the grade, attached Head-Quarters Office Ditto, ditto, attached to	13th May 1892 5th June 1892 No. 14 Party, 27 18th Aug. 1892 d Force, from 21 16th Nov. 1892 ajor, 5th December 1892	Dy. Supdt., 2nd grade 7th June 1892. st September to 15th N her 1892. Asst. Surveyor-General	 ovember 1892.
Served as Survey Concentra Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutt	with the Isazai Field of t	18th Aug. 1892 d Force, from 21 16th Nov. 1892 ajor, 5th Decemb ths and 7 days,	st September to 15th N ber 1892. Asst. Surveyor-General	ovember 1892.
Served as Survey Concentra Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. to H. Calcutta Dy. St. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutta Dy. Calcutt	on Party Officer with the Isazai Fiel Supdt., 1st grade, attached Iead-Quarters Office Promoted to M Supdt., 1st grade, attached Iead-Quarters Office Privilege leave for 2 months Supdt., 1st grade, attached Iead-Quarters Office Ditto, ditto, attached to	d Force, from 21 l 16th Nov. 1892 ajor, 5th Decemb	st September to 15th N ber 1892. Asst. Surveyor-General	ovember 1892.
Calcutta Dy. S to H Calcutta Dy. S to H Calcutta Dy. S to H Calcutta Dy. S To H No. char Charter Company	Bupdt., 1st grade, attached Head-Quarters Office Promoted to Mandata Bupdt., 1st grade, attached Head-Quarters Office Privilege leave for 2 months grade, 1st grade, attached Head-Quarters Office Ditto, ditto, attached to	l 16th Nov. 1892 ajor, 5th Decemb ths and 7 days,	 ber 1892. Asst. Surveyor-General	***
Calcutta Dy. S. to F. Calcutta Dy. S. to F. Calcutta Dy. S. to F. No. character Character Served as Survey C. Dy. S. Character Dy. S. Character Dy. S. Dy. S.	Promoted to M Supdt., 1st grade, attached Head-Quarters Office Privilege leave for 2 months Supdt., 1st grade, attached Head-Quarters Office Ditto, ditto, attached to	ajor, 5th Decemb ths and 7 days,	er 1892. Asst. Surveyor-General	 19th Apl. 1893
Calcutta Dy. S to H Bangalore No. Char Simla to I Char Served as Survey C	Supdt., 1st grade, attached Head-Quarters Office Privilege leave for 2 months of the grade, attached Head-Quarters Office Ditto, ditto, attached to	ths and 7 days,	Asst. Surveyor-General	19th Apl, 1893
Calcutta Dy. S to H Bangalore No. Char Simla to I Char Served as Survey C	Head-Quarters Office Privilege leave for 2 montained to the stacked dead-Quarters Office Ditto, ditto, attached to	ths and 7 days,	- 1	19th Apl. 1893
Calcutta Dy. S to F Bangalore No. Char Simla to P Char Served as Survey C Dy. S	lupdt., 1st grade, attached Head-Quarters Office Ditto, ditto, attached to	1	from 10th July 1393.	
Bangalore Ditto Simla Ditto Char Char Char Char Char Char Char Char	Head-Quarters Office . Ditto, ditto, attached to	18th Sept. 1893	Į I	
Ditto Simla			*****	4**
Simla	19 Party (Madras) .	25th Sept. 1893		
Ditto to 1 Characteristics Served as Survey (Dy. S.		1st Oct. 1893	******	***
Served as Survey (Ditto, ditto, attached No. 18 Party (Himalaya) Ditto, ditto, in	14th Apl. 1891		144
Dy. 8	·	16th Apl. 1894		411
T	Officer with the Waziristan	n Delimitation C		
) to I	Supdt., 1st grade Ditto, ditto, attached		' '	20th April 1895.
		14th June 1895	•	***
	Promoted to Brevet-Lies	utenant-Colonel, 2	27th August 1895.	
Wa	Supdt., 1st grade, in charge ziristan Detachment	5th Nov. 1895	Supdt., 2nd grade .	•••
Simla Dit	to, ditto, in charge	15th Nov. 1895		
Ditto Dit		20th Dec. 1895	Supdt., 2nd grade	25th Dec. 1895.
Ditt		15th Jan. 1896	Ditto, ditto .	144
Fu	rlough for 1 year, from 20	6th June 1896; es	atension for 4 months.	
Supd	t., 2nd grade (on furlough)	12th Dec. 1896	•••••	***
	Appointed a	C.I.E. in June	1897.	
to 1	t., 2nd grade, attached No. 18 Party (Himalaya).	26th Oct. 1897		•••
- 1	ziveve Gillo. In Charge ditto	1st Nov. 1897	ah Expeditionary Force	···

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Served	l as Chief Survey Officer, Tirah	Expeditionary F	orce, from 17th Februa	ry 1898.
•	Supdt., 2nd grade, attached to No. 15 Party (Raluchistan) Ditto, ditto, ditto and in charge Simla Drawing Office Ditto, ditto, ditto Ditto, ditto, in charge No. 15 Party (Baluchistan) and Simla Drawing Office	4th Apl. 1898 11th Apl. 1898 9th May 1898	Supdt., 1st grade . Ditto ditto	 6th May 1898

War Services.—Served in the first Afghan Campaign from 9th January to 9th June 1879 as Assistant Field Engineer and Adjutant, Royal Engineers, Peshawar Valley Field Force; in the second Afghan Campaign, October 1879 to August 1880, as Assistant Field Engineer—Medal; expedition against Malsud Waziris in April and May 1881 as Assistant Field Engineer and in charge, R. E. Park; served with Sir R. Sandeman's Mission to Khasan and Panjgur, 1883-84; served in Zhob Valley Expedition, 1884, as Survey Officer; mentioned in despatches; served with Hazara Field Force, 1888, as Survey Officer; mentioned in despatches—Medal; served as Survey Officer with the Miranzai Field Force and Hazara Field Force, 1891; served as Survey Officer with the Isazai Field Force, 1892; served as Survey Officer in charge Kurram Survey Party, Tirah Expeditionary Force, from 17th November 1897; served as Chief Survey Officer, Tirah Expeditionary Force, from 17th February 1898.

PROVINCIAL SERVICE.

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

Station	•	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bombay	•	Probationary Asst. Surveyor, 3rd grade, attached to No. 10			
		Party, Topl. Survey	26th Aug. 1889		***
Ditto	•	Asst. Surveyor, 3rd grade, ditto	26th Aug. 1890		***
Upper Bu	rma	Ditto, ditto, attached to	01 / 0 / 100		
5.		No. 21 Party, Topl. Survey.		•••••	•••
Ditto	• 1	Ditto, 2nd grade, ditto	8th Nov. 1892	*****	***
Ditto Ditto	•	Sub-Asst. Supdt., 2nd grade ditto,	18th Aug. 1892	•••••	***
Disto		(reorganisation), ditto. Ditto. 2nd grade,	23rd May 1893	******* **	***
Ditto		dicto Ditto, 1st grade	15th Nov. 1893		***
21000	۱.		21st Mar. 1897		•••
j	Priv	ilege leave for 3 months, from 25	5th October 1897;	recalled 3rd January	1898.
Calcutta	•	Sub-Asst. Supdt., 1st grade, attached to Head-Quarters			
Upper Bur	ma	Office	3rd Jan. 1898		***
e pper Dui		No. 21 Party, Topl. Survey .	7th Jan. 1898		***

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Hazaribagh .	Sub-Surveyor	1st Dec. 1867 to Nov. 1896	*****	**
Baluchistan .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topl. Survey	15th Nov. 1896	******	444

Privilege leave for 58 days, from 1st October to 27th November 1897.

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

Baluchistan . Sub-Asst. Supdt., 3rd attached to No. 15	Party,			}
Topl. Survey .		21st Dec. 1897	*** ***	
		·		

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Privilege leave for 77	days from 3rd	May 1898.	
ı				

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

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

Season 1885-86. Exploration from Nuskhi to Afghan Sistan, vid Helmand Valley.

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

Season 1889-90. Gilgit Frontier Survey with Gilgit Mission.

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

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

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

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

Received special reward of R500 from Commander-in-Chief on 24th October 1892.

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

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Simla .	Computer, attached to the Meteorological Department.			
Calcutta .	Leave without allowances, from Sub-Asst. Supdt., 3rd grade, attached to Head-Quarters	n 28th November	to 15th December 1835.	
ower Burma.	Office	18th Sept. 1893		
Ditto .	to No. 7 Party, Cadl. Survey. Ditto, 2rd grade, ditto Ditto, 2nd grade, ditto.	18th Sept. 1894	•••••	•••
	rivilege leave for 2 months, from	n 12th April 189	97; extension for 1 mon	th.
Oudh	Sub-Asst. Supdt., 2nd grade, attached to Nos. 2 and 8 Parties, Rev. Survey	1st June 1898	******	•••
=	·	- <u>-</u> \		

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

Station.	Substantive Appointment.	Date.	Officiating Appoint-	Date.
Upper Burma Ditto .	Probationary Sub-Asst. Supdt., 3rd grade, attached to No. 21 Party, Topl. Survey Sub-Asst. Supdt., 3rd grade, ditto	27th Nov. 1896 27th Nov. 1897		100

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date
_	Computer, attached to Computing Office Probationary Asst. Surveyor, 3rd grade, attached to	2nd Feb. 1891		***
Ditto .	No. 22 Party, Astronomical Survey Probationary Sub-Asst. Supdt.,	13th Nov. 1891		
	3rd grade, ditto	18th Aug. 1892	*****	
Ditto . Asia and		13th Nov. 1892		•••
Europe .	ditto	27th Mar. 1895		•••
NW. P. and Oudh Ditto	1	28th Nov. 1896		•••
Ditto .	Nos. 2 and 8 Parties, Rev.	1st Nov. 1897		***

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
North-West Provinces, Ajmere, and Central Provinces	Asst. Surveyor, 3rd grade, attached to No. 3 Party, Rev.	l		
	Branch	15th Jan. 1884	••••	***

Station.	Substantive Appointment.	Date	Officiating Appoint- ment.	Date.
Central Prov-				
inces .	Asst. Surveyor, 2nd grade, at- tached to No. 3 Party, Rev. Branch.	1st April 1887	444.44	***
Ditto .	Ditto, ditto, attached to No. 13 Party, Rev. Branch, Traverse Survey	1st May 1887		
	Privilege leave for 3 months, f	rom 1st Septemb	er to 30th November 188	8 7.
entral Prov- inces .	Asst. Surveyor, 2nd grade, attached to No. 13 Party, Rev. Branch, Traverse Survey	1st Dec. 1887		***
	Extraordinary leave without pa	y, from 9th Apr	il to 21st November 188	9.
lower Burma.	Asst. Surveyor, 2nd grade, No. 12 Party, Revenue Branch, Traverse and Cadastral	22nd Nov. 1889		
	Subsidiary leave on full pag	y, from 30th Ju	ne to 15th July 1892.	
	Leave on private affairs, fro			
ower Burma,	Sub-Asst. Supdt., 2nd grade	18th Aug. 1892	A contract of the contract of	•••
Ditto .	Ditto, 1st grade Ditto, ditto attached to No. 7 Party, Rev.	31st Dec. 1892	•••••	14+
Ditto .	Branch, Cadl, Survey Ditto, 2nd grade,	lst Jan. 1893		414
	1 4	23rd May 1893	•••••	•••
alcuttn .	Ditto, ditto, attached to Head-Quarters Office	1st Oct. 1893		
0	n recruitment duty at Hazaribagi	•	•	1 102
	recruitment duty at Hazaribagh,			
	Privilege leave for 26 d			,
alcatta .	Sub-Asst. Supdt., 2nd grade,	}	1	ì
ower Burma .	attached to Head-Quarters Office	28th Dec. 1894		
Ditto	Bev. Branch, Cadl. Survey .	29th May 1895	•••••	
1,1000	Ditto, 1st grade,	8th June 1896		
	Privilege leave, from 30th	•	•	1 •••
ower Burma .	Sub-Asst. Supdt., 1st grade,	i Beptember to z		1
ihar .	Branch, Cadl. Survey	21st Nov. 1896	*****	
	Ditto, ditto, attached to No. 4 Party (Bihar)	9th Dec. 1897		
				l
				}
		1	1	1

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces	Probationary Asst. Surveyor, 3rd grade, attached to No. 3	oru V 1000		
Ditto .	Asst. Surveyor, 3rd grade,	25th Jan. 1888	*****	***
Upper Burma.	ditto	25th Jan. 1889	*** ***	***
oppor parade	No. 3 Party, Cadastral Survey	10th Oct. 1889	***	***
	Privilege leave for 26 days, from	n 18th October t	to 12th November 1889.	
Upper Burma Ditto	Asst. Surveyor, 2nd grade, attached to No. 3 Party, Cadastral Survey . Sub-Asst. Supdt., 2nd grade,	5th May 1892		•••
	ditto	18th Aug. 1892	•••••	***
Privi	lege leave for 3 months and 11 d	ays, from 21st A	ugust to 30th Novembe	r 1893.
Upper Burma	Sub-Asst. Supdt., 1st grade, attached to No. 3 Party, Cadastral Survey		,	•••
	ļ			
	1	1	1	1

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Asst. Surveyor, 4th grade, attached to Head-Quarters Office	1st Dec. 1871	***	***
*****	Ditto, ditto, attached to No. 2 Party, Topl. Survey	31st Dec. 1871	*****	148
******	Ditto, 3rd grade, ditto .			417
Leans to	England on full pay for 1 year	40 .17	. an 1 from 74h A	
	Asst. Surveyor, 3rd grade, at-	r 10 montas an	d 26 days, Jrom ich A 	<i>prii</i> 1919.
	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Topl.])
494 111	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Topl. Survey Ditto, 2nd grade, ditto	20th Mar. 1878		
******	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Topl. Survey Ditto, 2nd grade, ditto Ditto, ditto, attached to Darjceling Topl. Survey	20th Mar. 1878 1st April 1881		

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Baluchistan .	Asst. Surveyor 1st grade, attach- ed to No. 15 Party, Topl. Sur-			
Central Prov-	vey Ditto, ditto, attached	1st March 1888	*** ***	
inces .	to No. 9 Party, Topl. Survey Ditto, ditto, attached	16th Feb. 1890		
Upper Burma	to Head-quarters Office .	1st April 1890	*** 100	•.•
•	Ditto, dittto, attached to No. 21 Party. Topl. Survey	15th May 1890	Submission 44h and de	991 41 1909
Ditto	Ditto, ditto ditto .	054h Iuma 1000	Surveyor, 4th grade,	22nd Apl. 1892.
Ditto		25th June 1892	*** ***	***
Ditto .		13th Sept. 1892	*** ***	•••
Ditto ,	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	•••••	***
	Privilege leave for 1 mo	onth, from 20th	September 1892.	
Opper Burma	Extra Asst. Supdt., 4th grade, attached to No. 21 Party,			
l	Topl. Survey	20th Oct. 1892	*****	111
	Suspended from off	ice for 3 days in	May 1893.	
Upper Burma	Extra Asst. Supdt., 6th grade (reorganisation), attached to No. 21 Party, Topl. Survey.	23rd May 189°		
Calcutta .	Ditto, ditto, attached to	19th Oct. 1893		111
	D 1-17 7 - 4 - 0017 76	4004 TB 77.3		14
	Privilege leave from 28th May	1394. Recalled	i to duty, 21st June 109	4.
Calcutia.	Extra Asst. Supdt., 6th grade, attached to Head-quarters	21.4 \$ 1004		14)
	Office	21st June 1894	•••••	***
Pri	vilege leave from 4th August 189	6. Recalled to	luty, 7th September 18	96.
Madras .	Extra Asst. Supdt., 6th grade,	1		
Ditto	attached to No. 9 Party, Topl. (Forest) Survey	9th Sept. 1896		102
D1060 .	Ditto ditto, attached to Nos. 9 and 19 Parties, Topl.			
Ditto	(Forest) Survey Sub-Asst. Supdt., 1st grade,	1st Sept. 1897	*****	111
Ĭ	ditto	1st Mar. 1898		***
ļ				

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Dute.
Chota Nagpore	Sub-Asst. Surveyor, 3rd class, attached to No. 4 Party, Topl. Survey	18th Sept. 1 86 5		

Station.	Substantive Appointment.	Date.	Officiating Appoint. ment.	Date.
Chota Nagpore	Asst. Surveyor, 4th grade,			
Onoth Magpord	attached to No. 4 Party, Topl.			ľ
	Survey	1st Oct. 1866	***	
Ditto .	Ditto, 3rd grade, ditto .	1st Oct. 1868	*****	""
Ditto .	Ditto, 2nd grade, ditto .	1st Oct. 1871	*****	"
Bhopal and	Ditto, ditto, attached to		,	1
Malwa .	No. 5 Party, Topl. Survey .	1875	*****	
Mysore .	Ditto, ditto, attached to			ļ.
	No. 8 Party, Topl. Survey .	1st Oct. 1876	l ```	
Ditto .	Ditto, ditto	•••	Asst. Surveyor, 1st	
D:44-	Dista ditta	Ì	grade	1st Apl. 1877
Ditto •	Ditto, ditto	•••	Temporarily, attached	
			to P. W. D. on Famine Relief Work	1st Nov. 1877
Ditto .	Ditto, 1st grade, attached	\	Familie Relief WOLK	186 1404, 1011
	to No. 8 Party, Topl. Survey	let Jan. 1878	Ditto ditto .	l .
Bombay	Ditto, ditto, attached to	10,000,10,0	21000 41000 .	i
D0=0y	No. 2 Party, Khandesh and			
	Native States Topl. Survey	1st June 1878		
Mysore .	Ditto, ditto, attached to			
	No. 8 Party, Topl. Survey .	1st Nov. 1884	******	
Ditto .	Ditto, ditto .		Surveyor, 4th grade.	1st July 188
Ditto .	Ditto, ditto	1st Aug. 1885		
Ditto •	Ditto, ditto .	•••	Surveyor, 4th grade .	1st July 1886
Ditto .	Ditto, ditto .	1.4. 1000	*** 1**	•••
Ditto	Surveyor, 4th grade, ditto .	1st Aug. 1886	*** ***	•••
Lower Burma	Ditto, ditto, attached to	1-4 0-4 1000	u e	
bitto .	No. 7 Party, Cadastral Survey Ditto, ditto, attached to	1st Oct. 1886	*****	
	No. 20 Party, Topl. (Forest)			
	Survey	1st Dec. 1887		
Ditto .	Ditto, ditto ditto .	100,	In temporary charge	
- 1000	,	1	No. 20 Party, Topl.	
ľ		1	(Forest) Survey .	21st Sept. 1890
Ditto .	Ditto, ditto, ditto .	15th Nov. 1890	******	•••
Ditto .	Extra Asst. Supdt., 4th grade,			}
	ditto .	18th Aug. 1892	•••••	
Ditto • i	Ditto, 3rd grade, ditto	8th Nov. 1892	*****	•••
L'itto •]	Ditto, 5th grade (reorgan-	00 135 1000	1	
J	isation), ditto	,		
	Sick leave for 8 day	s, from 18th to 2	5th May 1893.	
Caloutta .	Extra-Asst. Supdt., 5th grade,	1	1	1
-	attached to Head-quarters			
ļ	Office	5th June 1893	*****	***
	Privilege leave fo	r 2 months, from	1st April 1895.	
Colombia I	Extra Asst. Supdt., 4th grade.	1	1	l
Calcutta .	attached to Head-quarters			
	Office	26th Nov. 1895		***
,	Privilege leave for	•		
	Zrivicege ceave for ;	s montas, jrom 18	(April 1031.	I
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Barker, Joshua Paul.—Joined the service, 23rd December 1883.

Station.	Substantive Appointment.	Date.	Officiating Appoint- went.	Date.
Punjab .	Proby. Asst. Surveyor, 3rd grade, actached to No. 1 Party, Rev. Survey	23rd Dec. 1883		
	Asst. Surveyor, 3rd grade, ditto	23rd Dec. 1884		•••
Ditto	Ditto, 2nd grade, ditto.	1st Aug. 1886	01000	***
Central Provinces .	Ditto, ditto attached to No. 2 Party, Rev. Survey Ditto, ditto, attached	9th Oct. 1886	•••••	4+4
Orissa .	ed to the Furdwan Raj Cadastral Survey Ditto, ditto, attach- ed to No. 8 Party, Cadl.	31st Oct. 1888		1.0
Ditto	Survey	30th Nov. 1889	******	
Ditto .	ditto Sub-Asst. Supdt., 1st grade,	17th Mar. 1892		
Ditto	ditto Sub-Asst. Supdt. 2nd grade	18th Aug. 1892		***
Bibar	(reorganisation), ditto, ditto	23rd May 1893	•••••	
Ditto .	Cadl. Survey Ditto, 1st grade, ditto	30th Sept. 1893 1st Nov. 1893	•••••	
	Privilege leave for 3 m	onths, from 17th	June 1894.	
hota Nagpur	Sub-Asst. Supdt., 1st grade, attached to Nos. 4 and 5 Parties, Cadl. Survey . Ditto, ditto, in	1st Oct. 1894	•••••	•••
ihar	Detachment Ditto, ditto, attach-	1st Jan. 1896		
oone.	Survey	5th Oct. 1896	*****	
1	ed to No. 25 Party, (Tidal and Levelling)	2nd Jan. 1897	•••••	
	Privilege leave for 2 months	and 22 days, fr	om 22nd March 1897.	
	Sub-Asst. Supdt., 1st grade, attached to No. 25 Party, (Tidal and Levelling)		Extra Asst. Supdt., 6th grade	22ud Mar. 1898
tto .	Ditto, ditto, ditto. Ditto, ditto, ditto.	1st Apl. 1898	Extra Asst. Supdt.,	13th Apl. 1898
tto :	Ditto, ditto, ditto . Ditto, ditto, ditto .	1st May 1898	Extra Asst. Supdt.,	 4th June 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P	Proby. Asst. Surveyor, 3rd			
	grade, attached to No. 5			
	Party, Revenue and Cadl.	10/1 To 1004		
D'44 -	Survey	10th Jan. 1884	******	***
Ditto .	Asst. Surveyor, 3rd grade,	10th Jan. 1885		
Ditto	Ditto, 2nd grade, ditto		*****	111
Ditto	Ditto, 2nd grade, ditto .		*****	***
= ::::	Sub-Asst. Supdt., 1st grade,	180 Apr. 1002	•••••	***
D.000	ditto.	18th Aug. 1892		
Bengal	Ditto, ditto, attached	1002 246.1002	•••••	***
20064.	to No. 4 Party, Cadl. Survey	1st Nov. 1892		
Orissa .	Ditto, ditto, attached		\	•••
	to No. 8 Party, Cadl. Survey	1st Apl. 1893	l i	
Bengal .	Ditto, ditto, attached	_		
_	to Nos. 4 and 5 Parties, Cadl.			
	Survey	15th Nov. 1893	•••••	
NW. P	Ditto, ditto, on depu-		ł . l	
	tation, Settlement Department	1st Nov. 1894	•••••	***

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

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Dute.
Dehra Dán	•	Supernumerary Assistant Surveyor, Trigonometrical Branch,			
D'A.		Survey of India	lst Dec. 1882	,,,,,,,	•••
Ditto	•	Assistant Surveyor, 3rd grade, Trigonometrical Branch	22nd Jan, 1883		
M ussooree	•	Ditto ditto .			
		Central India and Rajputana Topographical Survey	1st Feb. 1884		
Ditto	•	Ditto 2nd grade,	1 4 4 1 1400		
Ditto		Rajputana Topl. Survey Ditto ditto	1st Apl. 1886	111.00	***
2		Ajmere Detachment, Cadl.	1 . 0000		
Akyab	_	Survey Party ditto	1st Oct. 1886		•••
	•	No. 7 Akyab Cadastral Sur-		j	
Rangoon		vey Party	1st Nov. 1886		•••
THERE	•	No. 7 Cadastral Survey			
		Party	1st Nov. 1867	ł .	•••

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

Rangoon	Assistant Surveyor, 2nd grade, No. 20 Topographical Party, working in Toungoo Forest Surveys, in charge of Traverse Camp	1st Oct. 1889	 444

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bassein	•	Assistant Surveyor, 2nd grade	•••	Superintendent of Land Records	8th June 1890.
Ditto Ditto	•	Ditto, 1st grade Sub-Assistant Superintendent,	13th May 1891	Ditto ditto .	•••
Ditto	•		18th Aug. 1892	Ditto ditto .	***
Digito	•	tation as Superintendent, Land Records, 5th grade	1st May 1893		•••
		Privilege leave for 3 n	nonths, from 3rd	d October 1893.	
Bassein	•	Sub-Assistant Superintendent, 1st grade, Survey of India, on deputation as Superintendent, Land Records, 4th grade	7th May 1894	·····	***
		Privilege leave for 2 months	and 10 days, fro	m 18th March 1896.	
Passeiu		Sub-Assistant Superintendent, lst grade Survey of India, on deputation as Superin- tendent, Land Records, 4th grade		Extra Asst. Supdt.,	1 / May 1904
Ditto .		Extra Asst. Supdt, 6th grade, ditto	4th June 1898	6th grade	1st Mar. 1898,
				ļ	

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
ehra Dún	Sub-Asst., 3rd class, attached to Computing Office, Trigl.			
ina.	Survey	1st Nov. 1862		•••
Inasoorie Ditto	Ditto, ditto, ditto . Ditto, ditto, attached	1st May 1863		***
Dia	to Extra Party No. 2, Astrol.	1st Nov. 1863		
Ditto	· Ditto, 2nd class, ditto .	1st Mar. 1865		•••
Ditto	Ditto, 3rd grade, ditto	1st Apl. 1866		
Ditto angalore	Ditto, 2nd grade, ditto . Ditto, ditto, attached	1st Mar. 1868		***
Ditto	to Extra Party No. 1, Astrol. Asst. Surveyor, 1st grade,	1st Oct. 1868		***
edras	Ditto, ditto	1st Apl. 1871	•••	***
	to Triangn. Party, Trigl.	1873		
litto	Surveyor, 4th grade, ditto	1st June 1874	*****	***
)it to	Ditto, ditto	186 9 (116 107 #	In temporary charge, Madras Triangu.	
			Party	1876
	1		"	

Station	١.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poons	•	Surveyor, 4th grade, attached to No. 25 Party (Tidul and Levelling)			110
Ditto Ditto	•	Ditto, 3rd grade, ditto Ditto, ditto	. 1st Apl. 1883	In temporary charge of No. 25 Party (Tidal and Level- ling)	 25th May 1886.
Ditto	•	Sub-Asst. Supdt., 2nd grade	, . 16th May 1889		
Ditto	•	Ditto, ditto	•••	In temporary charge of No. 25 Party (Tidal and Level-	
Ditto	•	Extra Asst. Supdt., 2nd grade attached to No. 25 Part (Tidal and Levelling).		ling)	7th Mar. 1889.
Ditto	•	Ditto, 3rd grade (reorgani	- . 23rd May 1893		
Ditto		Ditto, 2nd grade, ditto			***
Ditto	•	Ditto, ditto .		In temporary charge of No. 25 Party (Tidal and Level- ling)	9th Aug. 1995.
Ditto Ditto	•	Ditto, ditto . Extra Asst. Supdt., 1st grad (supernumerary), attached t No. 25 Party (Tidal and	o d		•••
		Levelling) Privilege leave for	. 1st Apl. 1896 2 months, from 18	•	150
Poons	•	Extra Asst. Supdt., 1st grad (supernumerary), attached to No. 25 Party (Tidal and	e o	In temporary charge,	
		Levelling)		No. 25 Party (Tidal and Levelling)	14th Aug 1896.
Ditto Ditto	•	Ditto, ditto Ditto, ditto	. 14th Sept. 1896	In temporary charge, No. 25 Party (Tidal and Leveling)	 9th July 1 97.
Ditta		Ditto, ditto	. 22nd Oct. 1897	· ·	***
		Privilege lave for	21 months, from 12	th April 1898.	

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

ed to No. 1 Party, Rev. Survey 21st Oct. 1886 Ditto Asst. Surveyor, 3rd grade, ditto 1st Oct. 1887 Ditto Ditto, 2nd grade, ditto 15th May 1889 Ditto Ditto, ditto, attached to No. 12 Party, Cadl. Survey 11th Oct. 1889 Sub-Asst. Supdt., 2nd grade, ditto Survey 18th Aug. 1892 Ditto Ditto, ditto, attached to No. 6 Party, Cadl. Survey 1st Nov. 1894 Ditto Ditto, 1st grade, ditto 15th Oct. 1895	Pate.
Ditto, ditto, attached to No. 1 Party, Rev. Survey	
Ditto Survey Asst. Surveyor, 3rd grade, ditto 1st Oct. 1887 1st Oct. 1887 Ist Oct. 1887 Ist Oct. 1887 Ist Oct. 1887 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1889 Ist Oct. 1895 Ist Nov. 1894 Ist Nov. 1894 Ist Oct. 1895 Ist Oct.	***
Ditto Ditt	•••
Ditto, ditto, attached to No. 12 Party, Cadl. Survey Ditto . Sub-Asst. Supdt., 2nd grade, ditto	•••
Ditto . Cadl. Survey	•••
ditto . 18th Aug. 1892 Ditto, ditto, attached to No. 6 Party, Cadl. Survey	•••
Oitto . Ditto, 1st grade, ditto . 15th Oct. 1895	***
ditto 15th Oct. 1895	904
Principles loans for 0 mouths and 06 days from 15th True 1907	•••
Privilege leave for 2 months and 26 days, from 15th June 1897.	,

Berkeley, Ernest Fitz-Hardinge.—Joined the service, 1st May 1881.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P	Office Assistant, attached to No. 4 Party, Cadl. Survey .	1st May 1881 to 31st Aug. 1883.		***
Ditto	Proby. Asst. Surveyor, 3rd grade, attached to No. 4 Party, Cadl Survey Ditto, ditto, attach	1st Sept. 1883		•••
Ditto .	ed to Dehra Dun Cadl. Survey	14t Oct. 1883	*** 100	***
entral Prov-	Asst. Surveyor, 3rd grade, ditto. Ditto, ditto, attach- ed to Chhattisgarh Rev.	1st Sept. 1884	•••	***
NW. P.	Survey Ditto, ditto, attach-	1st Oct. 1884		***
Central Prov-	ed to No. 5 Party, Cadl. Survey Ditto, ditto, attach-	11th July 1885	*** ***	***
inces .	ed to Chhattisgarh Rev. Survey	9th Aug. 1885	***	•••

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Central Prov-	Asst. Surveyor, 3rd grade,			
inces .	attached to No. 3 Party, Rev. Survey	30th Oct. 1885		
Ditto .	Ditto, 2nd grade,			•••
	ditto	14th May 1886		
Ditto .	Ditto, ditto, attach- ed to No. 14 Party, Topogra-			
	phical Survey	1st Oct. 1886	*****	
NW. P	Ditto, ditto, attach-			
	ed to No. 4 Party, Cadl.	1st Oct. 1887	*****	
Central Prov-	Ďitto, ditto,			
inces .	attached to No. 12 Party, Rev. Survey	1st Sept. 1889		
Bengal .	Ditto, ditto, attach-	180 Sept. 1000	******	•••
	ed to Burdwan Raj Cadl.	15th Mar. 1890		
Orissa	Survey	15th Mer. 1890	*** ***	
V1188 G	ed to No. 8 Party, Cadl.			
Ditto	Survey	1st Nov. 1890	*****	
Ditto	ditto.	5th Jan. 1892	*****	
Ditto	Sub-Asst. Supdt., 1st grade	00 1 15 1000	*	
Bihar	(reorganisation), ditto . Ditto, ditto, attach.	23rd May 1893	400.000	
Dinai .	ed to Nos. 4 and 5 Parties,		•	ĺ
37 - 11 11	Cadastral Survey Ditto, ditto, in charge	1st Sept. 1895	•••	•••
Noakhali .	Ditto, ditto, in charge of Noakhali Detachment, Cadl.			
	Survey	19th Nov. 1896	****	,
Bibar	Ditto, ditto, attached to No. 4 Party, (Bihar)	1st Nov. 1897		,,,
Ditto .	Ditto, ditto ditto.		Extra Asst. Supdt.,	
Taria	The same of Samuel Cal 3-		6th grade	1st March 1898
Ditto	Extra Asst. Supdt., 6th grade,	4th June 1898		***

Berkeley, Lionel Fitz-Hardinge.—Joined the service, 1st May 1875.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
N - W. P. Ditto	Assistant, attached to No. 4 Party, Cadl. Survey Asst. Surveyor, 4th grade, ditto, Rev. and Cadl.	1st May 1875		***
	· ·	16th Aug. 1875	<i>!</i>	•••
	Privilege leave for 42 days, fr	om 6th August	to 16th September 1879.	
NW.P.	Asst. Surveyor, 3rd grade, attached to No. 4 Party, Rev.			
Ditto	and Cadl. Survey	1st Apl. 1881		***
שוועם	Ditto, 2nd grade, ditto .	13th NOV. 1863	•••••	•••

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Asst. Surveyor, 1st grade, attached to No. 4 Party, Rev. and Cadl. Survey	24th Nov. 1887		
Bengal .	Revenue and Topographical Survey	1st Nov. 1888		•••
Ditto .	Sub-Asst. Supdt., 1st grade, ditto	18th Aug. 1892		
Ditto .	Ditto, ditto, attached to No. 2 Party, Revenue Survey	1st April 1893		•••
	to Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1894		•••
Ditto Ditto	Extra Asst. Supdt., 6th grade, ditto Ditto, ditto, in charge,	27th Apl. 1895		
NW. P.	Palamau Detacht., Revenue and Cadl. Survey Ditto, ditto, on depu-	12th Oct. 1895		
	tation, Settlement Surveys .	1st Nov. 1896		•••
	Privilege leave for 3	months, from 1s	at July 1898.	
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Berrill, Bernard Marie.—Joined the service, 5th November 1897.

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Himalaya	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 18 Party, Topl. Survey	24th Oct. 1895		
Ditto	Sub-Asst. Supdt., 3rd grade,	24th Oct. 1895	*****	•••
D:	ditto	24th Oct. 1896	*****	•••
Ditto	Ditto, 2nd grade, ditto	18th Jan. 1898		
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Biggie, Henry William. - Joined the service, 21st November 1891.

Station	•	Substantive Appointment.	Dute.	Officiating Appointment.	Date.
Calcutta		Proby. Asst. Surveyor, 3rd grade, attached to Head-			
Burma		quarters Office . Ditto, ditto, attached to No. 7 Party, Cadastral	21st Nov. 1891	res +04	***
D'u		Survey .	31st Dec. 1891		***
Ditto	•	Proby. Sub-Asst. Supdt., 3rd grade, ditto	18th Aug. 1892		•••
Ditto		Sub-Asst. Supdt., 3rd grade,	21st Nov. 1892		•••
Ditto		Ditto, ditto, attached			
Ditto		to No. 12 Party, Cadl. Survey Ditto, ditto, on deputa-	13th Jan. 1893	•••••	
Ditto		tion, Land Records Dept Sub-Asst. Supdt., 2nd grade,	14th Sept. 1894	*****	414
	•	ditto	27th Mar. 1895		•••
Calcutta	•	Ditto, ditto, nttached to Head-quarters Office	17th Sept. 1897		***
Siam	•	Ditto, ditto, on deputation to Siam Govern-			
		ment	2nd Apl. 1898		•••
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Bond, Edgar Clinton James.—Joined the service, 17th December 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind	grade, attached to No. 12 Party, Topl. Survey Sub-Asst. Supdt., 3rd grade,	17th Dec. 1896 17th Dec. 1897	*****	***

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Poons Ditto and	Asst. Surveyor, 4th grade, attached to G. T. Survey .	18th Oct. 1866		
Bangalore .	Ditto, ditto, attached to Mangalore Meridl., Mangalore, Longitudinal and		٠	
_	Great Arc Series	1st Nov. 1866		•••
Bangalore . Ditto .	Ditto, 3rd grade, ditto. Ditto, ditto, attuched to No. 2 Astronomical Sur-	1st Feb. 1869	•••••	
****	vey Party	let Oct. 1872		
Ditto Ditto	Ditto, 2nd grade, ditto . Ditto, ditto, attached to Great Are and Ram-	l 1st July 1873	•••••	
	nad Series, G. T. Survey .	1 t Dec. 1873		,.,
Ditto .	Ditto, 1st grade, ditto	1st Oct. 1874	•••••	•••
Bangalore and Poons	Sick leave for a	20 days in Febru	eary 1875.	
Poons	nttached to No. 2 Astronomical Survey Party Ditto, ditto, attached to Gujarat Topogl. Sur-	1st Oct. 1875	*** ***	•••
Ditto and Mussoori.	vey	1st Dec. 1877		•••
Dehra Dán .	Party	1st Sept. 1880	•••••	•••
1	to Trigi. Survey Office	1st July 1882	· · ·	Oct. 1883.
			Ditto	1st Nov. 1883. to
Ditto .	Surveyor, 4th grade, ditto .	1st Oct. 1884	•••••	80th Sept.1884.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussoorie	Surveyor, 4th grade, attached to No. 1 Party, Topogl. Survey	1st July 1885		
Dehra Dún	. Ditto, ditto, attached			•••
Mussoorie	to Trigl. Survey Office . Ditto, ditto, attached to No. 24 Party, East Coast	1st Oct. 1885	*****	***
Poona .	Triangulation Survey Ditto, ditto, attached	1st Aug. 1886		***
	to No. 25 Party, Tidal and Levelling .	1st June 1888	*****	•••
Ditto . Ditto .	Ditto, 3rd grade, ditto . Extra Asst. Supdt., 3rd grade,	5th Jan. 1892	101.41	•••
	ditto	18th Aug. 1892	100 000	
Ditto .	Ditto, 5th grade (reorgani- sation), ditto .	23rd May 1893		
Ditto .	Ditto, 4th grade, ditto	6th July 1894	******	144
Ditto .		4th June 1898	******	•••
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Bose, Abinash Chunder.—Joined the service, 15th October 1895.

Station.	Substantive Appointment.	Date.	Officiating Appoint-	Date.
Calcutta .	Proby. Sub-Asst. Supdt., 3rd grade, attached to Head-			
Lower Burma.	quarters Office	15th Oct. 1895		•••
	to No. 7 Party, Cadl. Survey	28th Oct. 1895	•••••	***
Ditto .	Sub-Asst. Supdt., 3rd grade, ditto	15th Oct. 1896		***
	Privilege leave for 2 month	s and 24 days, f	rom 18th May 1898.	
Lower Burma	Sub-Asst. Supdt., 2nd grade, attached to No. 7 Party, Cadl.		1	
	Survey	4th June 1898	*****	***

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

Sta	tion	l•	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Oudh	•		Sub-Asst. Surveyor, 3rd class, attached to 1st Division,			
Ditto	•	•	Rev. Survey	1st Oct. 1860 1st Jan. 1864	******	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
odh	Sub-Asst. Surveyor, 1st class attached to 1st Division,			
Ditto .	Rev. Survey Ditto, ditto, attach-	1st Jan. 1865	******	174
Ditto .	ed to 2nd Divn., Rev. Survey Asst. Surveyor, 3rd grade,			· · · · · · · · · · · · · · · · · · ·
Central Prov-	ditto	1st Apl. 1866 22nd June 1866	*****	111
inces. Ditto	Ditto 2nd grade, ditto	1st Oct. 1866		
Ditto .	Ditto, 1st grade, ditto Ditto, ditto, attach-	1st Oct. 1869	******	***
	ed to 1st Division, Rev.	1st Nov 1870		
Ditto	Surveyor, 4th grade, ditto .	1st Oct. 1872	******	
Oitlo . entral Prov- inces.	Ditto, 3rd grade, ditto . Ditto, ditto, attached to	13th Nov. 1879	••• · · ·	•••
Ditto .	No. 3 Party, Rev. Survey Ditto 2nd grade, ditto .	18th July 1885 1st July 1886	••••	•••
pper Burma	Ditto, ditto, attached to	•		
Ditto .	No. 12 Party, Cadl. Survey . Ditto, 1st grade, ditto .	1st Oct. 1889 8th May 1892		
Ditto	Extra Asst. Supdt., 1st grade,			
Ditto .	ditto . Ditto, ditto, 2nd grade	18th Aug. 1892	•••••	
Ditto .	(reorganisation), ditto Ditto ditto,	23r d May 1893	In temporary charge,	
	ditto		No. 12 Party, Cadl. Survey	10th Aug. 1894.
Ditto .	Ditto, ditto ditto	17th Nov. 1894		
Ditto .	Ditto, ditto ditto	•••	In temporary charge, No. 12 Party, Cadl. Survey	4th Dec 1894
Ditto W. P. &	Ditto, ditto ditto Ditto, ditto, attached			
Oudh .	to No. 2 Party, Rev. Survey .	17th Nov. 1895	In temporary charge, No. 2 Party, Rev. Survey	17th Nov. 1895
Ditto Ditto	Ditto, ditto, .			•••
Ditto	Ditto, 1st grade, ditto. Ditto, ditto, ditto		In temporary charge, No. 2 Party, Rev.	l .
Ditto			Survey	1st June 1897
Ditto	Ditto, ditto ditto Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev.		*****	
	Survey .	1st Nov. 1897	•••••	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P. &	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 2			
alcutta .		20th Nov. 1896	*****	***
Ditto .	to Head-quarters Office . Sub-Asst. Supdt., 3rd grade,		•••••	***
	ditto . Privilege leave for 1 mo	20th Nov. 1897	 December 1897.	•••
1	!			
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Campbell, George.—Joined the service, 1st January 1864.

Station.	Substantive Appointment.	Date.	Officiating Appoint ment.	Date.
Oudh	Office Assistant, attached to 1st			
Oddi	Division, Oudh Rev. Survey	1st Jan. 1864	104 (11	***
Ditto .	Leveller, attached to ditto	1st Jan. 1868	***	***
Ditto .	Asst. Surveyor, 4th grade,			
	sttached to 1st Division, Rev. Survey	1st Mar, 1871		***
N.·W. P.	Ditto, ditto, attach-			
	ed to 1st Division, Cadl.	1st Nov. 1871		101
Calcutta .	Ditto, ditto, attach- ed to Head-quarters Office	1st May 1872		141
NW. P	Ditto, ditto, attach-	180 Blay 1072	*** ***	
	ed to 1st Division, Cadl. Survey	16th June 1872	•••••	•••
Ditto	Ditto, ditto, attached to 4th Division, NW. P., called 7th or Hamirpur			
	Survey	1st Dec. 1872		
Ditto	Ditto, 3rd grade, ditto	1st Dec. 1874	*****	***
Orissa	Ditto, ditto, attached			
	to 7th or Khurda Divn.	1075 4. 1070		111
Burme	Survey	1876 to 1878	(0 2 400	
	to 8th Division, Cadl. Survey	1st Nov. 1879		411
Ditto .		1et Apl. 1881	*****	•••

Station.	Substantive Appointment.	Dute.	Officiating Appointment.	Dute.
unjab .	Asst. Surveyor, 2nd grade, attached to No. 1 Party,			
	attached to No. 1 Party, Rev. Survey	21st Sept. 1882		
Ditto pper Burma	Ditto, 1st grade, ditto Ditto, di to, attach-	1st Feb. 1888	******	
	ed to No. 8 Party, Cadl. Survey	1st Nov. 1890		
	Medical leave from 16th	March to 15th &	September 1891.	
lcutta	Asst. Surveyor, 1st grade, attached to Head-quarters Office. Ditto, ditto, attach-	16th Sept. 1891	••••	***
	ed to No. 8 Party, Cadl.			
to	Survey 4th and litte	31st Oct. 1891	•• •••	•••
leutta.	Surveyor, 4th grade, ditto . Extra Asst. Supdt., 4th grade, attached to Head-quarters	1st April 1892	•••••	•••
ngal .	Office Ditto, ditto, attached to No. 2 Party, Cadl.	18th Aug. 1892		***
itto	Survey	1st Dec. 1892	*** ***	•••
cuttn .	organisation), ditto . Ditto, ditto, attach-	23rd May 1893	*** 484	.44
ior	ed to Head-quarters Office . Ditto, ditto, attach-	1st Oct. 1893	•••••	***
	ed to Nos. 2 and 8 Partics, Cadl Survey	1st Nov. 1893	•••••	
	Privilege leave for 2 mos	nths and 19 days	, from 19th April 1894	•
cutta .	Extra Asst. Supdt., 6th grade, attached to Head-quarters			
ditto .	Office Extra Asst. Supdt., 5th grade,	1st Nov. 1894	*** /**	•••
itto .	ditto Ditto, ditto, and Head Draftsman, Head-quarters	12th Dec. 1896	******	***
itto .	Office, (sub. pro tem.). Ditto, ditto, attached	13th Dec. 1897		•••
	to Head-quarters Office .	13th Apl. 1898		•••

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

Station	Substantive Appointment.	Date.	Officiating Appointment.	Date.
W. P.	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 8 Party,			
tto	Rev. Survey Sub-Asst. Supdt., 3rd grade,	25th Oct. 1895		•••
		25th Oct. 1896		

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dún .	Probationary Asst. Surveyor, 3rd grade, attached to Com-	01-4 4-1 1994		
Bombay .	puting Office . Ditto, ditto, attached to	21st Apl. 1884		
	Cutch Topl. Survey	1st. Oct. 1884		
Ditto . Central Prov-	Asst. Surveyor, 3rd grade, ditto	21st Api. 1885		***
inces .	Ditto, ditto, attached to No. 12 Party, Revenue Survey	1st Oct. 1886		
Ditto .	Ditto, ditto, attached to No. 11 Party, Revenue Survey			,,,,
	Leave without pay from	om 2nd to 13th F	ebruary 1889.	
Central Prov- inces . Lower Burma	Asst. Surveyor, 3rd grade, attached to No. 11 Party, Revenue Survey Ditto, ditto, attached to No. 20 Party, Topl. (Forest) Survey	14th Feb. 1889		
	Leave on medical cert	ificate for 3 mon	ths, from 24th May 189	0.
Lower Burma Ditto		1st Mar. 1891	,,,,,,	,
	ditto	18th Aug. 1892		148

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	,	23rd Nov. 1891		
•	Extraordinary leave (without all	lowances) from 1s	t June to 2nd August 18	92.
rissa	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 8 Party,			
Ditto .	Cadl. Survey Sub-Asst. Supdt., 3rd grade,	18th Aug. 1892	• • • • • •	•••
Ditt.		21st Nov. 1892	*****	***
Ditto	Ditto, 2nd grade, ditto Ditto, ditto, attach-		•••••	•••
bar	ed to Bengal Drawing Office. Ditto, ditto, attached to No. 4 Party, Cadl.	24th June 1895	•••••	. 117
	Survey	19th Oct. 1895	••••	
(Privilege leave for 1 mo	onth, from 11th Se	eptember 1896.	
1		}	1	
	ì	}		
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1		}	·	

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bombay .	Sub-Asst. Surveyor, 3rd class, attached to the Bombay			
Ditto .	Party, Great Trigl. Survey Ditto, 2nd class, ditto			***
	Privilege leave from 1st Sep	tember to 30th S	September 1866.	
	Ditto for 1 month	October 1867.		,
adras .	Asst. Surveyor, 2nd grade, Bombay Party, Great Tri-	1	1	
jarat .	gonometrical Survey	1st Sept. 1868		••1
ł	Party	0th Apl. 1869		•••
	Privilege leave from 2	nd June to 2nd J	Tuly 1869.	
jarat •	Asst. Surveyor 1st grade	1	1	
Ditto	Gujarat Topl. Party Surveyor, 4th grade, ditto	1st Oct. 1871 1st Oct. 1874	*****	•••
	• •			

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Poona	Surveyor, 4th grade, attached to No. 25 Party (Tidal and Levelling)	31st Oct. 1882		
Gujarat .	Ditto, ditto, attached	١	*****	•••
Ditto	to Topl. Survey Party Ditto, 3rd grade, ditto		*****	***
2.000.	Division ora graden division		TO THE SEA SECTION	***
	Privilege leave from 1st Se	ptember to 24th	November 1884.	
Central Prov-		1	1	
inces . Ditto	Surveyor, 3rd grade, attached to No. 2 Cadl. Survey Party Ditto, ditto, attached	1st Oct. 1885	******	***
	to No. 3 Party, Rev. Survey	31 st Dec. 188 5		***
	Furlough in India from 10th	November 1886	to 15th May 1887.	
entral Provinces	Surveyor, 3rd grade, attached to No. 14 Party, Topl.			
Ditto.	(Forest) Survey	31st Oct. 1887 13th May 1891	***	140
pper Burma	Ditto, ditto, attached to No. 24 Party, Trigl.	1900 may 1991	;	***
ehra Dán .	Survey	30th Sept. 1891	*** 1**	***
Ditto.	to Computing Party Extra Asst. Supdt., 2nd grade.	2nd May 1892	••••	•••
	attached to ditto .	18th Aug. 1892	••••	***
Ditto.	Ditto, 3rd grade (re- organisation), ditto	22rd May 1893	*****	***
	Privilege leave for 1 month a	end 13 days, fron	. 4th July 1894.	
	Privilege leave for 2	months, from 4th	May 1896.	
ehra Dún .	Extra Asst. Supdt., 2nd grade, attached to Computing Party	1		•••
	Privilege leave for	2 months, from 3	rd May 1898.	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ganjam and Orissa Ditto Central Provinces and	Sub-Asst Surveyor, 3rd grade, attached to Topl. Survey . Ditto, 2nd grade, ditto .	1st Aug. 1863 1866	•••••	141
Vizagnpa- tam Agency Calcutta	Ditto, 1st grade, ditto . Ditto, ditto attached	1869		***
	to Head-quarters Office .	ist May 1877	******	***
Owalior and Central In- dia. Afghanistan .	attached to No. 1 Party, Topl. Survey Ditto, ditto, Topographi-	lst Nov. 1877	******	***
	cal and Reconnaissance Survey	1st Sept. 1879		148
		·		

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Station	•	Substant	ive Appoi	ntment.	Date	e. 	Officiating Appropriate	point-	Date.
Calcutta		Surveyor, 4	tth grade, quarters C		lst Jan.	1880			
Kobat .		Ditto,	ditto,	nttached					""
Baluchistar		to Distric Ditto,	t Topl. Su ditto,	irvey . attached	lst Mar.	. 188 0	*****		
Data Cale (a)	•			opographi-					}
Ditto		cal Survey Ditto	ditto	: :	1st Oct.	1883	In temporary of Paluchistan	charge Topl,	
		1					Survey .	Tobi,	6th Mar. 1884.
Ditto				attached pographi-	2012	1004			
Ditto		cal Survey Ditto	y . ditto	• •	29th Apl	. 1884	In temporary c	harge	•••
	Ì		4.000	• •	""		Baluchistan	Topl.	
Ditto		D:440	3:440	attachad			Survey .	•	1st Sept. 1884.
21000		Ditto, to No. 15	Party, To	nttached pographi-					
Date	ı	cal Survey		• • •	18th Dec.	1894			•••
Ditto	•	Ditto,	ditto	• •			1	lopl.	11th June 1887.
Ditto	•	Ditto, to No. 15	ditto, Party, To	attached pographi-			Survey .	•	11th June 1897.
Du		cal Survey			17th Sept		••••		***
Ditto Ditto	•	Surveyor, 3		ditto .	13th May	1889		1	•••
	•	Ditto,	ditto	•	•••		In temporary c Baluchistan	Topl.	
Ditto		Ditto, to No. 15	ditto, Party, To				Survey .	•	***
Ditto		cal Survey Extra Asst.	7 . Sundt. 3	ed grade.	24th June	1891	*****		***
		ditto	ditto		18th Aug	. 1892	* *****		***
Ditto		Ditto, nisation)		reorga=	23rd May		*****	İ	•••
hu.	Ì	·			Join Maj	1000			•••
Ditto		Ditto,	ditto					harge Topl.	
Ditto	1	Ditto,	ditto				Survey . Ditto, ditto,	and	14th June 1895.
	.	Divido	diceo	• •	***		in charge Ba		
Ditto	- {	TD: 44			0.1 7	1000	Afglian detach		1st July 1895.
Ditto		Ditto,	3rd grade ditto.	attached	8th June	1990	Ditto ditto	•	•••
		to No. 18	Party,					ŀ	
Ditto	}	phical Sur	vey .	. (Supor-	2nd Nov.	1896	***		***
· -	.	Ditto, numerary)		e (Super-	4th Feb.	1897	100	I	***
Ditto		Ditto,	ditto	•	•••		In temporary cl No. 15 Party, (
Pitto						J	chistan) .		17th Feb. 1898.
Patasa.		Ditto,	ditto		20th Apl.	1898		A	
ILTIMA A.					1 1/				

Extraordinary Services.—Surveyed country on \(\frac{1}{2} \) scale from Gandamak to western side of Chardeh Valley, including Khurd Kabul and Tezin, was present throughout the siege of Sherpur, September 1879. Medal and Clasp. Crossed the Frontier in disguise and mapped the whole of Afridi Tirah on \(\frac{1}{2} \) scale in March 1880, fired upon by the Firozkhel tribe while ascending the Manloghar mountain. Completed 1st class series of triangles from north of Kalat running southwards and joined on to the side Karko-Gandpahar of the G. T. Trans-Indus Series in India, in September 1887. Also completed a 1st class secondary series emanating from the G. T. base Andhar-Sulimani, westwards along the parallel of 26° through Mekran on to the Persian border in March 1891.

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

Station.		Substantiv	e Appointm	ent.	Da	te.	Officiating Appointment.	Date.
Dehra Dún Bengal an	d a	ttached to Ditto		Office ached	let Ma	r. 1865		
Central Pro			our Meridl. 1 I. Survey	Series,	l 1st Os	t. 1865		
Ditto	. `		4th grade,	ditto		1. 1866		***
Ditto	1	Ditto.	3rd grade.	ditto	1st Sep			""
Burma		Ditto	ditto, at	ached	-50 Scp	v. 2 00,		
Bombay		Series, Gre Ditto	at Trigl. Sur	ontier vey . tached Topl.	1st Oc	t. 1 8 67	***	
Ditto		Survey Ditto		ached	1st Oc	t. 1870		
Ditto		o Gujara		Survey	1st Oc	t. 1871	******	
Divio	. "	BU. Duive	ditto		1st An	1. 1873		
Ditto	.1	Ditto.	let grade,	ditto		ly 1874		
Mysore	1 1	Ditto to No. Burvey	ditto, att	Topl.	1st Oc	t. 1875		
	Leas	e on priva	te affairs fo	r 6 mo	nths and	5 days	, from 1st November 1	876.
Poona Dit t o	. 1	Party Ditto	to Astrl. S	ached	lst Ap	1. 1877		•••
		Levelling	inity, itus	2,11G	1st De	c. 1877		
Ditto		rveyor, 4t	n grade. di	tto .	1st Nov		l	
Ditto				tto .	25th Ap			!
Ditto	· E	tra Asst.	Sapdt., 3rd (ditto).		18th Au	g. 1892		
Ditto	\cdot	Ditto, 4	kth grade (r		29rd M	_		ļ .
Ditto	. '	Ditto.	3rd grade,	ditto	14th De			
Ditto		Ditto,	ditto,	ditto	.,		In temporary charge No. 25 Party, Tidal and Levelling	22nd Apl. 1898
Ditto		Ditto,	ditto,	ditto	6th May	1898		144

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Sind .	Junior Sub-Asst. Surveyor at- tached to the left bunk, Indu			
	Sind Revenue Survey	15th Feb. 1865		***
Ditto .	Asst. Surveyor, 4th grade, ditto Ditto, 3rd grade,	1st Apl. 1866		,,,
	ditto .	15th Feb. 1868	140.111	***

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta	Asst. Surveyor, 4th grade, attached to Head-quarters	01 M - 1000		
Ditto	Office (Revenue Branch) Ditto, 2nd grade,	9th May 1870	*** :11	•••
Ditto	ditto	15th Feb. 1871		
Ditto .	Ditto, 1st grade,		,	•••
	ditto	1st Dec. 1874	- ···	
Ditto .		•••	Surveyor, 4th grade .	21st July 1888.
Assam ,	Ditto, ditto, attached to No. 6 Party, Cad-			
	astral Survey	29th Oct. 1883	Ditto ditto	29th Oct. 1883.
Ditto .	Surveyor, 4th grade, ditto	2nd June 1884	******	***
Lower Burma	Ditto, ditto,			1
	attached to No. 12 Party,	1-4 0-4 1990		
Upper Burma	Cadastral Survey Ditto, ditto,	1st Cct. 1889	*** ***	•••
- FPV Dut Mit	attached to No. 3 Party,			
.	Cadastral Survey	1st Feb. 1890		***
Ditto .	Ditto 3rd grade, ditto	13th May 1891	••••	***
DILLO .	Extra Asst. Supdt., 3rd grade ditto	18th Aug. 1892		
Ditto .	Ditto, 5th grade (reorga-	10th Aug. 1032	*****	• 11.0
	nisation), ditto .	23rd May 1893	,	ida
Ditto .	Ditto, 4th grade, ditto .	18th Dec. 1893	PR: 141	***
Ditto .	Ditto 3rd grade, ditto .	I3th April 1898	*****	••
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	<u> </u>		<u></u>	

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

Station	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Paluchiston ,	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 15 Party, Topl. Survey	24th Nov. 1896		***
Ditto .	Sub-Asst. Supdt., 3rd grade,	24th Nov. 1897	••••	***

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
walior and Central India,				
Ditto	Ditto, 2nd grade,	Oct. 1869	•••••	***
	ditto . Privilege leave for 1 m	Oct. 1872	Santonian 4000	***
walior and	Asst. Surveyor, 1st grade,		Septemoer 1872.	
Central India.	attached to No. 1 Party, Topl. Survey	1878		•11
	Privilege leave for 2	months, from 5th	March 1879.	•••
entral India and Raje				
putana.	Survey	1882	******	•••
1 1 1 1	Privilege leave for 2 mo	onths, from 10th	February 1883.	
aluchistan .	Asst. Surveyor, 1st grade, attached to No. 15 Party, Topl. Survey	May 1886		
W. Provin- ces, Mirza-	Ditto, ditto, attached to No. 14 party, Topl.	May 1000		•••
pur Dist. ebra Dún .	Survey Ditto, ditto, at-	Nov. 1886	•••••	***
Ditto.	tached to Trigl. Survey Office Surveyor, 4th grade, ditto .	Nov. 1887 24th Nov. 1889	••• ••	•••
mla .	Ditto, ditto, attached	1st Feb. 1890	•••••	•••
•	Privilege leave for 2 mo		anuary 1892.	
mla	Extra Asst. Supdt., 4th grade, attached to Simla Drawing	1		
Ditto .	Office	18th Augt 1892	*****	***
Ditto.	nisation), ditto Ditto, 4th grade, ditto,	23rd May 1893 13th Oct. 1896	*****	•••
D1000.	Ditto, 4th grade, ditto,	13611 000. 1890	•••••	•••
	Privilege leave for 2 months at	nd 11 days, from	3rd January 1897.	
mla	Extra Asst. Supdt., 4th grade, in charge Simla Drawing			
itto .	Office	24th Dec. 1897	***	•••
•	to ditto	2nd Mar. 1898	*****	***
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Corriden, Edgar Henry.—Joined the service, 12th November 1897.

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

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

Station		Substantive Appointment.	Date.	Officiating Appointment.	Dute.
Rombay	•	Sub-Asst. Surveyor, 4th grade, attached to Kattiawar Party, Topl. Survey Ditto, ditto, attached to Gujarat Party, Trigl.	8th May 1868		
		and Topl. Survey	Nov. 1870		***
Ditto	•	Asst. Surveyor, 3rd grade, ditto	1st April 187		
Ditto		Ditto, 2nd grade, ditto .	1st Oct. 1874		
		Privilege leave for 1 month	and 8 days, fr	om 1st March 1874.	
		Ditto for 3 months	s, from 1st Aug	ust 1877.	
		Furlough out of India for	364 days, from	1st November 1879.	
Bombay		Asst. Surveyor, 2nd grade, attached to Gujarat Party,			
Ditto		Trigl. and Topl. Survey Ditto, 1st grade, ditto.	30th Oct, 1880 1st April 188		***
***		Ditto, ditto, attached to Andaman Party,	1st April 100	1	"
)ehra Dún		Topl. Survey Ditto, ditto, attached	6th Oct, 1884	_[
oona.	\cdot	to Trigl. Survey Office Ditto, ditto, attached to No. 25 Party (Tidal and	Sept. 1886		
	- 1	Levelling)	Sept. 188	7	
Privileg	ie le	eave for 1 month from 29th Aug	ust 1887; retur	ned to duty on 20th Sep	tember 1887.
ombay	$\cdot $	Asst. Surveyor, 1st grade attached to No. 10 Party,			
	I	Topl. Survey	Oct. 1888	1	
	al c	duty on the Meywar-Marwar Bo	undary Survey	, from November 1888 t	o May 1859.
lcutta		Asst. Surveyor, 1st grade, attached to Head-Quarters Office	Nov. 1889		
Ditto	$\cdot $	Ditto, ditto, and Draftsman, ditto	1st Feb. 1890		
Ditto	$\cdot $	Extra Asst. Supdt., 4th grade,	18th Aug. 1892	.	
o	n s	pecial duty on the Nepal-Pilibh	it Boundary Su	rvey, from 23rd March	1S93
eutta.		Extra Asst. Supdt., 6th grade,	,	1	
itto	$\cdot $	(reorganisation) Ditto, ditto, and Draftsman, attached to	23rd May 1893	******	•••
		Head-quarters Office .	2nd June 1893	***	
itto	$\cdot $	Ditto, 5th grade, and ditto	6th July 1893	******	
itto itto	\cdot	Ditto ditto ditto . Ditto ditto ditto .	1st Nov. 1893 	Head Draftsman, Head- quarters Office	 Ist Jan. 1896
ma.		Ditto, ditto, attached to No. 10 Party, Topl. (Forest) Survey .	7th Nov. 1896	••••	
	,	Privilege leave for 2 mo	onths, from 26th	August 1897.	
ma.		Extra Asst. Supdt., 4th grade, attached to No. 10 Party,			
	- 1	Topl. (Forest) Survey ! 4	tth June 1898	***************************************	***

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

Station.	Substantive Appointment.	Date.	Officiating Apoint- ment.	Date.
Dehra Dún . Ditto .	Sub-Asst. Supdt., 1st grade, on	18th Jan. 1887 26th Jan. 1895		

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

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

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

Station.	Substantive Appointment.	Dute.	Officiating Appoint- ment.	Date.
Poons	Proby. Asst. Surveyor, 4th grade, attached to 1st Divn.,			
Ditto	Revenue Survey	1st April 1872	•••••	***
	to 10th or 1st Divn., Topl. and Revenue Survey	16th April 1873	And Summer 2nd	***
Ditto	Ditto ditto ditto .	,	Asst. Surveyor, 3rd grade	17th Dec. 1878.
Ditto	Ditto, 8rd grade, ditto	1st April 1879	******	•••
Ditto	Ditto ditto, attached to No. 10 Party, Topl.	2000		•••
Ditto	and Revenue Survey Ditto, 2nd grade,	1879		,,,
5 244	ditto .	1st April 1881	*****	•••
Ditto	Ditto, 1st grade, ditto .	1st Sept. 1884	111 100	111
Central Prov-	Ditto, ditto, attach- to No. 9 Party, Revenue	}		
(Jabalpur)	Survey	13th Oct. 1885	4*****	•••

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Poons	Asst. Surveyor, 1st grade, attached to No. 10 Party,			
Ditto	Topl. Survey Extra Asst. Supdt., 6th grade (reorganisation), ditto	17th May 1886 23rd May 1893		•••
	Privilege leave for	3 months, from 1	st March 1894.	
Simla	Extra Asst. Supdt., 6th grade, attached to the Drawing Office	1st Dec. 1696		443
Ditto •	Ditto 5th grade, ditto	13th April 1898 	******	***

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

Station.	Substantive Appointment. Date.	Officiating Appointment.	Date.
entral Pro- vinces.	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 9 Party,		
Vadras.	Revenue Survey 26th Oct. 1895 Ditto, ditto, attached to ditto,		•••
190	Topl. (Forest) Survey . 1st Oct. 1896 Sub-Asst, Supdt., 3rd grade,		***
Ditto	ditto 26th Oct. 1896 Ditto, ditto, attached		•••
Ditto	to Nos. 9 and 19 Parties, Topl. (Forest) Survey 1st Sept. 1897 Ditto, 2nd grade, ditto . 10th Oct, 1897		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Dat e.
Calcutta .	Apprentice, Surveyor General's Office Asst. Surveyor, 4th grade, attached to No. 6 Party, Topl.	18th Dec. 1866		•••
	Survey	180 Leo. 1907		•••

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam .	Asst. Surveyor, 3rd grade, attached to No. 6 Party, Topl.			
Calcutta .	Survey	1st Jan. 1870	••••	•••
T.o.	ed to Head-quarters Office	•	1970 to 96th January	 1071
	Asst. Surveyor, 3rd grade, at-		1670 to 2011 o analy 1	
·omouy .	tached to No. 2 Party, Khan- deish and Native States, Topl. Survey	Z(1.37 105)		
•	Leave on medical certificate, fi	•	o 28th November 1872.	
			1	
Calcutta .	Asst. Surveyor, 3rd grade, attached to Head-quarters	1		
	Office	29th Nov. 1872	*** ***	
Ditto . walior and	Ditto, 2nd grade, ditto.	1st Aug. 1873	******	***
walior and Central	Ditto ditto, attach- ed to No. 1 Party, Topl.	1		
India.	Survey	1st Oct. 1873		
	Privilege leave, from	19th June to 31	st July 1877.	
walior and	Asst. Surveyor, 1st grade, at-	1		
Central	tached to No. 1 Party, Topl.			
India.	Survey	6th July 1880	*** ***	***
alcutta .	Ditto, ditto attached to Head-quarters			,
	Office	1st Oct. 1883	*** **	***
Ditto .	Ditto ditto and	1-4 Ton 1995	'	
ssam .	Draftsman, ditto Ditto ditto on	1st Jan. 1885	*** ***	•••
	deputation, Sylhet-Tipperah			
1-1	Boundary Survey	16th Nov. 1886	*****	
alcutta .	Ditto ditto, attach- ed to Head-quarters Office.	27th Apl. 1887		
	Privilege leave for 15 days			
alcut ta	Surveyor, 4th grade, attached	· ·	_ 	
	to Head-quarters Office	13th May 1889	*** ***	***
arma .	Ditto ditto, attach-		•	
	ed to Anglo-Siamese Bound- ary Commission	26th Oct. 1889	******	***
alcusta	Ditto ditto, and			
	Draftsman, attached to Head-	27th Apl. 1890		
pper Burma	quarters Office	27th Apr. 1000		
PP	ed to No. 11 Party, Topl.			
Ditto .	Survey	12th May 1890	******	
Ditto .	ditto	18th Aug. 1892		***
Ditto .	Ditto ditto, attached to			
	Anglo-Siamese Boundary Commission	1st Dec. 1892		
Ditto .	Ditto, ditto attached	200 2 000 2002		
	to No. 11 Party, Topl.	1.4 % 1900		
Ditto .	Survey Ditto, 5th grade (reorga-	1st May 1893	******	-
	nisation), ditto	23rd May 1893		111
Ditto .	Ditto ditto ditto .	•••	In temporary charge,	1
		ł	No. 11 Party,	4th Nov. 18

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
find	Junior Sub-Asst. Surveyor,			
Dilto	Revenue Survey	16th Oct. 1862		***
Delhi and	ditto . Ditto, 3rd grade, attached	1st Jan. 1865		•••
Hissar.	to Revenue Survey	1st April. 1866	•••••	•••
Ditto Ditto	Asst. Surveyor, 2nd grade, ditto	16th Oct. 1868		***
Bahawalpur .	Ditto, 1st grade, ditto . Ditto, ditto, attached	16th Oct. 1871		•••
	to 2nd Divn., Revenue	1st Nov. 1871		
N.W. P., Hamirpur	Ditto, ditto, attached to 4th and 7th Division.	100 1000		***
and Orissa.	Revenue and Cadl.	lat Nov. 1873	•••	•••
Ditto ower Burma	Surveyor, 4th grade, ditto, Ditto, ditto, attached	16th Oct. 1874	••• · · ·	••.
Ditto	to No. 2 Party, Revenue and Cadl. Survey	1st Nov. 1879		100
• ,	Ditto, ditto, in charge of Revenue Survey	2000		* 11*
Ditto Ditto	of waste land grants of Akyab. Ditto 3rd grade, ditto, Ditto, ditto, attached		*****	•••
. '	to No. 8 Party, Henzada	1st Dec. 1883		***
Ditto .	Ditto, ditto, attached	18t Dec. 1999	******	•••
ntral Prov-	Survey Ditto, ditto, attached	1st Dec. 1884		•••
inces,	to No. 9 Party, Revenue	1st Nov. 1885		•••
		150 1101, 2000		

Stat	ion.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Contral inces. Ditto	Prov-	Surveyor, 2nd grade, attached to No. 9 Party, Rev. Survey . Ditto, ditto .	19th Sept. 1889	In temporary charge, No. 9 Party,	
Ditto Ditto	•	Extra Asst. Supdt., 2nd grade Ditto, ditto, attached to No. 9 Party, Revenue	_	Revenue Survey. Ditto ditto	26th May 1892; 18th Aug. 1892.
Ditto		Survey	28th Oct. 1892		•
Ditto	•	nisation), ditto . Ditto, ditto,	23rd May 1893	In temporary charge, No. 9 Party,	
Ditto Ditto	:	Ditto, ditto, ditto . Ditto, ditto, ditto .	14th Sept. 1893	Revenue Survey In temporary charge, No. 9 Party,	14th June 1893.
Ditto		Ditto, ditto, ditto .	2 0th March 18 95	Revenue Survey.	9th Jan. 1895.
		Privilege leave for 2 mo	nths, from 6th A	ugust 1895.	
Central inces. Madras	Prov.	Extra Asst. Supdt., 2nd grade, attached to No. 9 Party, Revenue Survey Ditto, ditto, attached to No. 9 Party, Topl.	26th Nov. 1895		
		(Forest) Survey	Nov. 1896	*** ***	•••
		Privilege leave for 1 month	and 14 days, fr	rom 1st May 1897.	
NW. Oudb		attached to No. 2 Party, Re-		1	
Bibar .		venue Survey	1st May 1897	•••••	•••
Ditto		to No. 4 Party (Bihar) . Ditto 1st grade, ditto .	20th Sept. 1897 4th June 1898	*****	***
				· : 	

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date
Sind-Bombay	Junior Asst. Surveyor, attached to left bank, Indus River,			
	Revenue Survey	15th Feb. 1865	*****	***
Ditto .	Sub-Asst. Surveyor, 3rd grade,			
n	ditto	15th Feb. 1868	*****	
Punjeb .	Ditto, ditto, attached to Kurnal and Kaithal Revenue			
	Survey	Nov. 1870	,,,,,,	
Ditto .	Asst. Surveyor, 2nd grade,	2,07, 1070	,	
	ditto .	15th Feb. 1871	*** ***	•••
	1			

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Asst. Surveyor, 2nd grade, at-			
	tached to Head-quarters Office			•••
Dilto .	Ditto, 1st grade, ditto,	15th June 1874	*****	•••
Oriana	Ditto, ditto, attached to			
	Khorda, Traverse and Cadas-			
	tral Survey	May 1877	*****	,
Lower Burma	Ditto, ditto, attached			
	to Bassein, Traverse and			
	Cadl. Survey	Nov. 1880	*** ***	•••
Ditto .	Surveyor, 4th grade, ditto,	1st Sept. 1884	•••••	•••
Central Prov-	Ditto, ditto, on	•		
inces.	deputation to Settlement			
Divi	Department	Oct. 1885	*****	•••
Ditto .	Ditto, 3rd grade, ditto,	5th Jan. 1892	*****	1**
Ditto .	Extra Asst. Supdt., 3rd grade,			
D:44.	ditto	18th Aug. 1892	•••••	***
Ditto .	Ditto, 5th grade (reorga-			ı
Dista	nisation), ditto	23rd May 1893	*****	***
Ditto .	Ditto, 4th grade, ditto .	6th July 1894		***

Furlough for 1 year, from 27th March 1896.
Services placed at the disposal of Egyptian Government, 1st January 1897.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ditto Central Provinces. Ower Burma Ditto Ditto Ditto	to No O Posts Roya Survey	16th Nov. 1881 1st Nov. 1882 1st Oct. 1885 1st Nov. 1889 1st Apl. 1891 18th Aug. 1892 1st Mar. 1898	Extra Asst. Supdt.,	 1st July 1897.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam	Sub-Asst. Surveyor, 4th grade, attached to No. 1 Party,			
Bengal ,	Revenue Survey Ditto ditto,	9th June 1866		***
Ditto .	attached to No. 6 Party, Topl. Survey Ditto, 3r d grade,	1st Nov. 1868	*17***	•••
Ditto .	ditto . Asst. Surveyor, 2nd grade,	9th June 1869	*****	***
Assam	Ditto, ditto, attached to No. 2 Party,	9th Sept. 1872	*****	***
•••	Topl. Survey Ditto, ditto,	1st Oct. 1872		***
NW. Prov-	nttached to No. 14 Party, Gauges-Dearab Rev. Survey Ditto, ditto	1st Oct. 1874		***
inces.	nttnched to No. 3 Party,	_	. •	***
	Topl. and Rev. Survey .	1st Dec. 1877	•••••	***
Ditto .	Ditto, 1st grade, ditto Ditto, ditto, attached to Head-quarters	1st Jan. 1878	•••••	***
		15th Apl. 1882	•••••	***
	Furlough out of India, from 17th	September 1888	5 to 11th September 1887.	ı
Orissa			· · · · · · · · · · · · · · · · · · ·	
V11889	Asst. Surveyor, 1st grade, attached to No. 8 Party,		ļ.	
	Cadl. Survey	12th Sept. 1887	· · · · ·	***
Ditto .	Surveyor, 4th grade, ditto .	29th Aug. 1888		•••
Ditto	Extra Aset. Supdt., 4th grade,			
	ditto	18th Aug. 1892	411.115	***
Ditto .	Ditto, 3rd grade,			
T	ditto	14th Jan. 1893		***
Ditto .	Ditto, ditto	05th Am 1802	}	444
Ditto .	in charge ditto . Ditto, 5th grade	25th Apl. 1893	*** ***	
Ditto .	(reorganisation), in charge			
	ditto	23rd May 1893	,,,,,,	988
Ditto .	Ditto, ditto, in charge	1		
	Orissa Detachment	1st Oct. 1893	******	140
Ditto .				
	tation to Settlement Depart-	1.4 0.4 1905		
D:44-	ment, Bengal	let Oct. 1895 8th June 1896	*****	194
Ditto . Calcut ta .	Ditto, 4th grade ditto Ditto, ditto, attached to	Con Galle 1090		
Carcatas .	Hend-quarters Office	11th Oct. 1896		***
			}	
Sind	Ditto, ditto, attached to	1	1	

Privilege leave for 3 months, from 13th April 1898. Commuted by the Secretary of State in't medical leave and extended for 6 months.

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

Station	•	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta NW. Pr	• •o v -	Clerk, attached to Office of Accountant-General, Bengal, Proby. Assistant Surveyor,	17th Jan. 1876		***
inces.		4th grade, attached to No. 4 Party, Rev. Survey	15th Apl. 1878		•••
Ditto	•	Asst. Surveyor, 4th grade, ditto	15th May 1878	•••••	***
•		Under suspension fro	om 28th May to	1st July 1880.	
		Leave on medical certific	rate, from 2nd to	o 28th July 1880.	
Lower Burn	ma.	Asst. Surveyor, 4th grade, attached to No. 8 Party,			
D'u			28th July 1880	••: •••	***
Ditto Ditto	•	Ditto, 3rd grade, ditto		*****	***
Ditto	•	Ditto, 2nd grade, ditto Ditto, ditto, attached to No. 7 Party, Topl.	10111 Oct. 1004		•••
Calcutta		Suryey . Ditto, ditto,	lst Oct. 1885	••••	***
Punjab	•	attached to Hend-quarters Office	1st Feb. 1887		•••
		attached to No. 1 Party,			
Ditto	Ì		17th Dec. 1897	*****	•••
Calcutta		Ditto, 1st grade, ditto Ditto, ditto, attached	16th May 1889	*****	•••
Western Du	ars	to Head-quarters Office Ditto, ditto, attached	lst Aug. 1890		•••
Calcutta.		Ditto, ditto, attached	1st Nov. 1890	•••••	***
Ditto		Sub-Asst. Supdt., 1st grade,	1st June 1891	•••••	***
3iha r		ditto Ditto, ditto, attached to Nos. 4 and 5 Parties,	18th Aug. 1892 	•••••	141
Ditto		Cadl. Survey Ditto, ditto, attached to	1st Oct. 1892		•••
alcutta		Nos. 2 and 8 Parties, Cadl. Survey Ditto, ditto, attached to	let Nov. 1893		•••
	ļ	Head-quarters Office	27th Nov. 1893		***
		Privilege leave for 2 months an	nd 28 days, from	n 18th June 1894.	
alcutta	-1	Sub-Asst. Supdt., 1st grade,	,	1	
Ditto		office	15th Sept. 1894		144
- 1000	٠,	Ditto, ditto (seconded), attached to ditto	1st Mar. 1897	•••••	***
	·	•		A 1007	
		Privilege leave for 1 m	onta, from ota	August 1097.	
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Fielding, William Augustus.—Joined the service, 1st May 1868.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date
Bombay	. Asst. Surveyor, 4th grade, attached to Kattywar Party,			
Ditto	Topl. Survey	let May 1868	******	***
Ditto		•		***
	Privilege leave, from 14	th August to 31s	t October 1872.	
Bombay Ditto	Asst. Surveyor, 2nd grade, attached to Kattywar Party, Topl. Survey Ditto. ditto. attached to	1st July 1874	•••	
Diego	Ditto, ditto, attached to Kattywar and Cutch Party, Topl. Survey	let Jan. 1880		•
Ditto	. Ditto, 1st grade, ditto .		*****	100
	Privilege leave, from	• '	June 1883.	***
Bombay	Supdt., attached to the Bombay		1	
- Carbay		1st April 1886	•	
Himalayas	Asst. Surveyor, 1st grade, attached to No. 18 Party,			•••
	Topl. Survey	1st Oct. 1887	· · · · 1	***
	Privilege leave, from	n 3rd May to 5th	July 1887.	
	Ditto, from	1st July to 30th	h September 1990.	
Himalayas	Extra Asst. Supdt., 6th grade, attached to No. 18 Party,	00 1 15- 1000		
		23rd May 1893		165
	Privilege leave for 2 months an	d 28 days, fro	m 19th June 1893.	
	Ditto for 1 month of	and 28 days, from	n 17th July 1895.	
	Ditto for 1 month	and 30 days from	n 16th July to 14th Septe	mber 1897
D-L D(1	
Dehra Dún	Extra Asst. Supdt., 6th grade, attached to Trigonometrical Branch Office	4th Nov. 1897		,
	piancu vince . , ,	200 2107, 2007	*****	•••
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Freeman, John Alaric.—Joined the service, 23rd November 1891.

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay		Proby. Asst. Surveyor, 3rd grade, attached to No. 10			
70114		Party, Topographical Survey	23rd Nov. 1891		100
Ditto	•	Proby. Sub-Asst. Supdt., 3rd grade, ditto .	18th Aug. 1892		,
Ditto	•	Sub-Asst. Supdt., 8:d grade, ditto	23rd Nov. 1892		,

Station.	İ	Substantive Appointment.	Date.	Officiating Appoint-	Date.
		Privilege leave for	one month, from	3rd July 1893.	
Bombay	1	Sub-Asst. Supdt., 2nd grade, attached to No. 10 Party, Topl. Survey	15th Oct. 1895	,	***
	,	Privilege leave for two	months, from 15	5th May 1896.	
	1		}		
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	1		}		

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

Himalayas . Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 18 Party, Topl. Survey	Station.		Substantive Appointment.	Date.	Officiating Appoint- ment,	Date.
	•	•	grade, attached to No. 18 Party, Topl. Survey Sub-Asst. Superintendent, 3rd			
				-		

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

Sta	tion.		Substantive appointment.	Date.	Officiating Appoint- ment.	Date.
rissa.	•	•	Proby. Asst. Surveyor, 3rd grade, attached to No. 8	•		
				2nd Mar. 1888		•••
itto			Asst. Surveyor, 3rd grade, ditto			•••
itto	•		Ditto, 2nd grade, ditto			•••
itto	•	•	Sub-Aset. Supdt., 2nd grade,	-		
ih ar	•	•	ditto Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl.	18th Aug. 1892		*
tto			Survey Ditto, ditto, attached to	lst Oct. 1993	****	•••
			Nos. 4 and 5 Parties, Cadl. Survey	1st Oct. 1894	******	•••

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bibar <u>P</u> itto	Sub-Asst. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey Ditto, 1st grade, ditto	lst Oct. 1896 1st Jan. 1897.	,	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Apprentice Draftsman attached to Head-quarters Office Proby. Assistant Surveyor,	3rd Jan. 1882		***
and Raj- putana . Litto	3rd grade, attached to No. 1 Party, Topl. Survey Asst. Surveyor, 3rd grade,	let May 1882	,*****	*19
Ditto .	ditto Asst. Surveyor, 2nd grade,	17th Jan. 1883	*** **;	***
Assam .	ditto	29th Oct. 1885	••••	***
Upper Burma.	to No. 6 Party, Cadl. Survey Ditto, ditto, attached	1st Oct. 1856		***
Lower Burma.		1st Oct. 1889	*****	***
Ditto .	Asst. Surveyor, 1st grade,	1st Nov. 1890 25th Apl. 1891		100
·	Privilege leave for 3 1	, -		
Lower Burma	Asst. Surveyor, 1st grade, attached to No. 7 Party, Cadl, Survey	18th Oct. 1891	•••	***
Pitto .	Sub Asst. Supdt., 1st grade,			+14
	Privilege leave for 2 months	and 26 days, fr	rom 10th April 1894.	
Upper Burma Pitto	Sub-Asst. Supdt., 1st grade, attached to No. 3 Party, Cadl. Survey Ditto, ditto .	15th Nov. 1897	Extra Asst. Supdt.,	 18th Jan, 1898.
Ditto .	Extra Asst. Surdt., 6th grade, ditto	13th April 1898		,,,

143
George, Alfred.—Joined the service, 15th November 1876.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ovjarat .	Sub-Surveyor	15th Nov. 1876 to 14th Oct. 1878		449
Ditto .	Proby. Asst. Surveyor, 4th grade, attached to No. 10			
D'II.	Party, Topl. Survey	15th Oct. 1878	*****	***
Ditto .	Ditto, 4th grade, ditto	15th Oct. 1879	*** ***	•••
Ditto	Ditto, 3rd grade, ditto .	1st April 1881	*****	•••
Deccan	Ditto, 2nd grade, ditto . Ditto ditto, attached	25th Sept. 1884	•••••	•••
	to No. 11 Party, Topl. Survey	1st June 1885	******	***
	Privilege leave, fron	a 4th May to 19th	h June 1885.	
Central Pro- vinces.	Asst. Surveyor, 2nd grade, attached to No. 9 Party, Rev.		İ	
Div	Survey	1st Nov. 1886	*****	•••
Ditto . Ditto .	Ditto, 1st grade, ditto Sub-Asst. Supdt., 1st grade,	13th May 1889	•••••	•••
Opper Buring	ditto Ditto, ditto, attached	18th Aug. 1892	••••	•••
Ditto .	to No. 12 Party, Cadl. Survey Ditto, ditto, attached	1st Oct. 1892	,	***
Ditto .	to No. 3 Party, Cadl. Survey Extra Asst. Supdt., 6th grade,	1st Nov. 1895	*****	***
lower Burma	ditto	1st Jan. 1897	*****	411
	No. 20 Party, Topl. Survey .	24th Nov. 1897		***
1	Privilege leave for 3	,	h April 1898.	
	1	,, 	· 1	
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George, Christopher.—Joined the service, 18th August 1874.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Native States	Proby. Asst. Surveyor, 4th	18th Aug. 1874 to 4th Sept. 1878		•••
ombay . Ditto	grade, attached to No. 2 Party, Khandesh and Native States Survey Asst. Surveyor, 4th grade,	5th Sept. 1878		0 ±0
Des.		5th Sept. 1879		***
Ditto	Ditto, 3rd grade, ditto			***
Ditto	ditto, 2nd grade, ditto Ditto, ditto, attached to	1st Dec. 1883	•••••	***
pper Burms	No. 11 Party, Revenue Survey Ditto, ditto, attached to			•••
Du.	No. 21 Party, Topl. Survey		*** ***	
Ditto .	Ditto, 1st grade, ditto		,	•••

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Sub-Asst. Supdt. 1st grade, attached No. 21 Party, Topl. Survey	18th Aug. 1892		100
Central Pro- vinces.	Ditto, ditto, attached to No. 9 Party, Rev. Survey	1st Oct. 1892	*****	
Chitral .	Ditto, ditto, attached to Relief Force Survey Party, Ditto, ditto, attached to	26th Mar. 1895	*****	***
vinces. Madras	No. 9 Party, Rev. Survey Ditto, ditto, attached to	lst Nov. 1895	****	•••
Ditto	No. 9 Party, Topl. (Forest) Survey Extra Asst. Supdt., 6th grade,	lst Oct. 1896	******	•••
	ditto . 	5th Feb. 1897		***
Madras .	Extra Asst. Supdt., 6th grade, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey			***
			1000 00	

War Services.—Upper Burma, 1891, "Medal and Clasp" for Burma, 1889—92.

Received the medal for "distinguished conduct in the field" for his services during the defence of Kawlin (Upper Burma) during the attack on it by rebels from the Wuntho State on the 16th February 1891.

Served with the Chitral Relief Force, 1895, Medal and Clasp.

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

Station.		Sabstantive Appointment.	Date.	Officiating Appointment.	Date.
Simla .	•	Proby. Sub-Asst. Supdt., 3rd grade, attached No. 18			
Ditto		Party, Himalaya Topl. Survey Sub-Asst. Supdt., 3rd grade,	19th Sept. 1893	*** ***	444
2	1	ditto	19th Sept. 1894	0 0 1 9 7 0	***
Ditto	•	Ditto, 2nd grade, ditto	8th Apl. 1896		***
		<u> </u>			

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
entral Pro- vinces .	Proby. Asst. Surveyor, 3rd grade, attached to No. 14	1041 Nov. 1001		
Ditto .	Party, Topl. (Forest) Survey Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 14	13th Nov. 1891		***
Ditto .	Party, Topl. (Forest) Survey Sub-Asst. Supdt., 3rd grade,	18th Aug. 1892	•••••	•••
		13th Nov. 1892	••••	•••
	Privilege leave from	n 4th to 29th Jus	ne 1894.	
entral Pro- vinces.	Sub-Asst. Supdt., 2nd grade, attached to No. 14 Party, Topl. (Forest) Survey .			***
I	Privilege leave for 1 month and 2	7 days from 10t	h May to 6th July 1897	•
mla	Sub-Asst. Superintendent, 2nd grade, attached to No. 18 Party (Himalaya)	19th Oct. 1897		***
	(2005)	200. 200.		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment,	Date.
lower Burma	Proby. Asst. Surveyor, 3rd grade, attached to No. 7	}		
Ditto .	l'arty, Revenue Survey Asst. Surveyor, 3rd grade,	31st Oct. 1887		•••
	ditto	26th Nov. 1887	•••	***
Ditto .	Ditto, 2nd grade, ditto . Ditto, ditto, on depu- totion to Land Records De-	ľ		•••
Ditto .	partment Sub-Asst. Supdt., 2nd grade,	16th Oct. 1891		***
Ditto .	ditto	18th Aug. 1892 13th Oct, 1896		***
	11000			
		}		
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Hall, George Thomas.-Joined the service, 22nd November 1872.

Station.	Substantive Appointment.	Date,	Officiating Appointment.	Date.
Bombay .	Asst. Surveyor, 4th grade, attached to Gujerat Party,			
	Topl. Survey	22nd Nov.1872	*****	•••
Ditto .	Ditto, 3rd grade, ditto. Ditto, 2nd grade, attached to Kattywar Party.	1st Aug. 1875	141.141	
	Topl. Survey	1st Apl. 1891	****	
Ditto .	Ditto, 1st grade, ditto .	1st Apl. 1883	••••	
Central Pro-				
vinces .	Ditto, ditto,	\		,
•	attached to No. 12 Party,)	
	Revenue Survey	1st Oct. 1886		
Ditto .	Ditto, ditto,	}	}	
•	attached to Balaghat			
	Detachment, Cadl. Survey .	1st Nov. 1888	*****	
Bengal .	Ditto, ditto,		ł	
_	attached to No. 4 Party, Re-		ŀ	
	venue Survey	1st Nov. 1889	1	
Ditto .	Ditto, ditto .	•••	Surveyor, 4th grade .	8811 7183 (232*
Ditto .	Ditto, ditto	1st June 1892		
Bihar	Extra Asst. Supdt., 4th grade,	{	l .	1
	attached to Nos. 4 and 5	}	ĺ	1
	Parties, Cadl. Survey	8th Nov. 1892	*** ***	100
Ditto .	Ditto, 6th grade (reorga-	2000		
75111	nisation), ditto	23rd May 1893	******	
Ditto .	Ditto, ditto,		1	ļ
	attached to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893		
Ditto .	Ditto, 5th grade, ditto .	27th Mar, 1895	******	
Ditto .	Ditto, Stu grade, ditto.	2/64 Mar, 1899	,	,
D1000 .	attached to Nos. 4 and 5	l .	-	ì
	Parties, Cadl. Survey	1st Oct 1895		
Upper Burma		180 000 1000		
Opper During	attached to No. 10 Party	1		
	(Upper Burma)	1st Oct. 1896		
	(opport a millar)	1200 000, 2000		1
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Hamer, Charles Fredrick.—Joined the Service, 3rd August 1863.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bundelknand and Rewah .	attached to No. 5 Party, Topl.	3rd Aug. 1863		

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bundelkhand and Rewah	Asst. Surveyor, 3rd grade, attached to No. 5 Party, Topl.			
Bhopal and	Survey	1st May 1866		
Malwa .	Ditto, 2nd grade, ditto .	1st Oct. 1868	*****	
Pitto . Ditto	Ditto, 1st grade, ditto . Ditto, ditto	lst Oct. 1871	Surveyor, 4th grade .	lat Appli 1878
Ditto	Ditto, ditto, attached to	···	Surveyor, was grade .	let white 1077
NW. Provs.	No. 5 Party, Topl. Survey Surveyor, 4th grade, attached to No. 14 Party, Topl. Sur-	8th Nov. 1877	*** ***	
Ditto .	vey . Ditto ditto, attached to	13th July 1878	*** ***	•••
Ditto .	Dehra Cadl. Survey Ditto ditto attached o	10th Mar. 1884	******	
Madras .	Ditto ditto, attached o No. 14 Party, Topl. Survey. Ditto ditto, attached to	19th May 1884	•••••	
	No. 19 Party, Topl. (Forest)	1 -4 N - 100F	1	
Ditto .	Survey Ditte, 3rd grade, ditto	Jst Nov. 1887 29th Aug. 1888		
	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party,			
Ditto	Topl. (Forest) Survey Ditto, 4th orga-	18th Aug. 1892	•••	•••
Ditto •	Ditto, 4th orga- nisation), ditto	23rd May 1893		}
	Privilege leave for 3 m	onths, from 1st	April 1895.	
Indras ·]	Extra Asst. Supdt., 3rd grade, attached to No. 19 Party,			
D'ai	Topl. (Forest) Survey .	1st April 1896	T to	
Ditto .	Ditto ditto .	•••	In temporary charge No. 19 Party, Topl. (Forest) Survey	23rd Apl, 1897.
Ditto	Ditto ditto .	23rd Apl. 1897		
Ditto .	Ditto, ditto, attached to Nos. 9 and 19 Parties,	1st Sept. 1897		
Ditto .	Topl. (Forest) Survey . Ditto, ditto .		In temporary charge of Nos. 9 and 19	•••
Pitto	Ditto, 2nd grade, ditto .	4th June 1898	Parties, Topl (Forest) Survey	8th Apl. 1898.
		j		

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

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bihar	Sub-Asst. Supdt., 3rd grade, attached to Nos. 4 and 5			
Ditto .	Parties, Cadl. Survey		•••••	•••
Upper Burma.	ditto . Ditto, ditto, attached	12th Nov. 1895	•••••	•••
	to No. 11 Party, Topl. Survey	5th Dec. 1896		•••
Privile	ge leave for 3 months, from 4th	December 1897, 1898.	re-called to duty, 20th 1	Pebruary
Calcutta .	Sub-Asst. Supdt., 2nd grade, attached to Head Quarters Office.	20th Feb. 1898		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Oudh	Sub-Asst. Surveyor, 3rd class, attached to Oudh Revenue			
Ditto .	and Topl. Survey	13th Nov. 1862		
	ditto .	15th Nov. 1865	•••••	
Ditto . NW. Provs	ditto .	15th Nov. 1868		
Ditto .	to 1st Division, Revenue Survey Ditto, ditto, called	1st May 1870		
	No. 4 Party, Cadl. Survey	1st Apl. 1871		
	Privilege leave f	or 1 month in Ju	ly 1871.	
NW. Provs.	Asst. Surveyor, 1st grade, attached to No. 4 Party, Codl. Survey			
Ditto .	Cndl. Survey	13th Nov. 1874	4+1+=1	
	Privilege leave for			
1,-W. Provs	Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Sur-	-		
Ditto .	vey . Ditto, ditto	29th Oct. 1883	In temporary charge, No. 4 Party, Cadl.	**;
Eastern Ben-	Ditto, ditto, attached		Survey •	4th July 1888
Rut	to No. 4 Party, Cadl.	2nd Nov. 1888		611
Ditto .	Ditto, ditto		In temporary charge, No. 4 Party, Cadl. Survey	15tlı Feb. 1898

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Western Duars Ditto .	Surveyor, 3rd grade, attached to No. 4 Party, Cadl. Survey Ditto, ditto	6th Nov. 1889	In temporary charge, No. 4 Party, Cadl. Survey	••• 6th June 1890.
Ditto .	Ditto, 2nd grade, attached to No. 4 Party, Cadl. Survey	11th Nov. 1890	In temporary charge of Detachment (No. 4 Party) Cadl.	•••
	Extra Asst. Supdt., 2nd grade, attached to No. 4 Party, Revenue Survey Ditto. ditto.	18th Aug. 1892	Survey ditto ditto .	lot June 1892.
Bihar Ditto .	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, 3rd grade (reorgani- sation), ditto	1st Nov. 1892		
	Privilege leave for 2	months, from 7th	h August 1893.	
	Privilege leave for 2 m	onths, from 5th	September 1895.	
NW. Provs	Extra Asst. Supdt., 3rd grade, attached to No. 2 Party, Revenue Survey	12th Oct. 1896		•••
Ditto .	Ditto, 2nd grade, ditto	2nd Dec. 1896	*****	•••
	Tuulouskin India fo	n 1 waan fuam 1	A May 1807	
Calcutta.	Furlough in India for Extra Asst. Supdt., 2nd grade,	r 1 year, jrom 1s	n May 1657,	1
NW. P. and Oudh.	attached to Hend-quarters Office (on furlough in India) Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev.	1st May 1897	•••••	***
Bihar .	Survey Ditto ditto ditto .	1st May 1898	Attached to No. 4, party (Bihar)	 1st May 1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras, Asia and Europe.	Computer, attached to No. 23,			
Ditto .	Astronomical Survey Party. Proby. Sub-Asst. Supdt., 3rd	lst Nov. 1890		•••
Ditto	grade, ditto Sub-Asst. Supdt., 3rd grade,	15th Nov. 1896	******	**1
·	ditto	15th Nov. 1897	*** >**	•••
]		

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

Station	n.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Upper Bu Ditto .	rma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadl. Survey . Sub-Asst. Supdt., 3rd grade, ditto	25th Nov. 1896 25th Nov. 1897		***
		Leave on medical certificati	e for 3 months,	from 16th June 1898.	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay .	Asst. Surveyor, 4th grade, attached to Gujarat Party, Trigl. and Topl. Survey.	29th April 1868		, i i i
	Privilege leave for 21	nonths, from 11t	h July 1870.	
Bombay .	Asst. Surveyor, 3rd grade, attached to Gujarat Party. Trigl. aud Topl. Survey	1st April 1871		asš
	Leare on medical certificat	e for 6 months,	from 1st March 1973.	
Bombay .	Asst. Surveyor, 2nd grade, attached to Gujarat Party, Trigl. and Topl. Survey.	1st June 1874	180 (11	n é
Kumaon and Garhwal Punjab .	Ditto ditto, attached to Topl. Survey Party Ditto, ditto, attached	1st Oct. 1878	•••••	
Bombay .	to 2nd Division, Revenue Survey Ditto, ditto, attached to No. 11 Party, Topl.	1st Nov. 1878		400
Ditto ,	Survey Ditto, 1st grade,	1st Nov. 1879		
Burma .	ditto Ditto, ditto, attached to No. 24 Party,	1st April 1881		***
Ditto .	Trigl. Survey Ditto, ditto .	1st Oct. 1888	In temporary charge, No. 24 Party, Trigl. Survey	 18th May 1889
Ditto .	Ditto, ditto, ditto .	11th June 1889		
	Privilege leave for 1 month	and 7 days, from	m 24th June 1889.	
Burma .	Asst. Surveyor, 2nd grade, attached to No. 24 Farty,		Samuela Akh arada	6th Aug. 1889
Ditto .	Trigl. Survey Ditto, ditto .	13th April 1890	Surveyor, 4th grade .	111

Station.		Substantive .	Appoint	ment.		Date.		Officiating Appo	int-	Date.	
Burma		Surveyor, 4th ed to No. 2									
		Survey .		• ,	5th A	Iay 1	390			•••	
Ditto	•	Extra Asst. Su	ditto		18th .	Augt.	1892	•••••		•••	
Ditto	•	Ditto, (reorganisatio		grade ditto	2 3rd	May	1893				
		Privile.	ge leave	for 1 mo	nth, f	rom 1	st Au	gust 1894.			
Burma	•	Extra Asst. Su									
		Trigl, Survey	•			•••		In temporary cl No. 24 Perty,		1st Oct.	1904.
Ditto		Ditto,	ditto,	ditto .	18th	Oct	1894	Survey .	•	·	1034,
Ditto	•	Ditto,	ditto,	ditto .	10011		1001.	In temporary cl	narge, Party,	•••	
		<u> </u>			·			Trigl. Survey	•	16th Apl. 2	1897.
Ditto	•	Ditto,	ditto,	ditto .	20th	July	1897			•••	
Ditto	•	Ditto,	ditto,	ditto .		•••		In temporary ch No. 24 Party,			
Ditto	•	Ditto, 4th	grade,	, ditto.	13th	April	1898	Survey . Ditto dit	-	12th Apl. 1 	1898.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Assistant, attached to Board	15		
Ditto .	of Revenue	4th Mar. 1878	•••••	***
	Apprentice, attached to the Head-Quarters Office.	81st July 1878		,
Mysore .	Proby. Asst. Surveyor, 3rd grade, attached to No. 8	0150 # dig 10,0		***
5	Party, Topl. Survey	12th Sep. 1881		***
Ditto .	Asst. Surveyor, 3rd grade,			
Central India	ditto .	1st Feb. 1882	*****	414
Stilli retuin	Ditto, ditto, attached to No. 2 Party, Topl.			
	Survey	12th July 1884		•••
Ditto .	Asst. Surveyor, 2nd grade,			
Com41 D	ditto	28th Nov. 1884		406
Central Prov -	Di44- 31444-3-3			
	Ditto, ditto, attached to No. 9 l'arty, Revenue			
	Survey .	1st Nov. 1885	•••••	.44
	Privilege leave, from	16th May to 30t	h June 1886.	
Calcutta	Asst. Surveyor, 2nd grade,	1	1	
•	attached to Head-Quarters]	
Out.	Office	1st July 1886		106
Orissa .	Ditto ditto, attached	1	1	
	to No. 8 Party, Cadl. and			
	Forest Topl. Surveys	27th Dec. 1886		
	Leave on medical certificate, f		4 4047 Wayamkay 1999	•••

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Chota Nagpur	Asst. Surveyor, 2nd grade, on deputation to relay the dis- puted boundary between Dis-			
Orissa	trict Singhbhum and Keon- jhar State	8th Mar. 1890	•••••	
Lower Burma	attached to No. 8 Party . Ditto, ditto,	12th June 1890		•••
Ditto .	attached to No. 13. Mergui Topl. Survey Asst. Surveyor, 1st grade,	1st Nov. 1890	•••••	***
Ditto .	ditto	10th Nov. 1890	*** , , ,	•••
Ditto	tached to Mergui Detachment, Topl. Survey Ditto ditto, in charge	18th Aug. 1892	•••••	***
Calcutta .	Mergui Detachment Ditto, ditto, and	1st Nov. 1892	*****	***
Dehra Dun .	Office Sub-Asst. Supdt., 1st grade. attached to Drawing Office,	1st Nov. 1893	······	•••
,	(Trigl. Surveys)	let March 1897 nonths. from 9th	 March 1897.	•••
Debra Dun .	Sub-Asst. Supdt., 1st grade, attached to Drawing Office, (Trigl. Survey)		Extra Asst. Supdt.,	1 4 35 1907
Ditto	Extra Asst. Supdt., 6th grade, ditto	18th Jan. 1898	6th grade	1st May 1897.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assam . NW. Pro-	Proby. Asst. Surveyor, 4th grade, attached to 2nd Division, Rev. Survey . Ditto, ditto, attached to 4th and 5th Division	16th Nov. 1872	314.72 6	199
	sions, Rev. and Cadl, Surveys	Dec. 1873	*** ***	•••
Ditto .	Asst. Surveyor, 3rd grade, ditto	1st Ang. 1878	******	***
Ditto . Calcutta	Ditto, 2nd grade, ditto Ditto, ditto, attached to		••••	4+4
	Hend-Quarters Office .	1st Nov. 1883	•••••	,,,

Station.	Station. Substantive Appointment.		Officiating Appoint- ment.	Date.
Vinces .	Asst. Surveyor, 2nd grade, attached to No. 4 Party, Rev.	April 1884		
D:44-	and Cadl. Survey Ditto, 1st grade, ditto .	2nd June 1884	*****	•••
Ditto . lengal and	171000, 186 grade, dieco .	ZIIG JUIE 1004	******	•••
lengal and Nepal Fron- tier .	Ditto. ditto, attached to			
	Himalaya Topl. Survey	23rd May 1885	*** ***	***
entral Pro- vinces .	Ditto, ditto, attached to	April 1886		
Ditto .	No. 9 Party, Rev. Survey. Ditto, ditto, on deputation,	· 1	*****	***
Ditto .	Settlement Department . Sub-Asst. Supdt., 1st grade,	Nov. 1886	•••	***
D1600 .		18th Aug. 1892	•••••	***
	Leave on medical certificate, fro	om 23rd April to	11th November 1893.	
entral Prov-	}) 1	1	
inces .	Extra Asst. Supdt., 6th grade, on deputation to Settlement		}	
alcutta .	Department	23rd May 1 893	•••••	•••
Ditto .	to Head-Quarters Office .	28th Nov. 1896	••• •••	•••
Dieto .	Ditto, ditto (seconded) and Draftsman, attached to			
Ditto .	Head-Quarters Office Ditto, 5th grade (se-	18th Jan. 1898		***
, שונים	couded) and Head Druftsman,		l	
	Head Quarters Office	13th Apl. 1898		•••
	1		ľ	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
*****	Sub-Surveyor	1st Oct. 1871 to 11th Mar. 1877		1+4

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

Debra Dun	. Asst. Surveyor, 3rd grade, attached to Computing Office	l I		1
Bolosti 4	attached to Computing Office Ditto, ditto, attached to No. 15 Party, Topl. Survey	12th Mar. 1887	e-• · · ·	
Dainchistan	Ditto, ditto, attached			ļ
	to No. 15 Party, 10pl.	4 7 1 7 1 1000		
	Survey	15th Feb. 1888	*****	

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date.
Baluchistan .	Asst. Surveyor, 2nd grade, attached to No. 15 Party, Topl.			
Ditto .	Survey Sub-Asst. Supdt., 2nd grade,	lst Apl. 1891	******	•••
2.000	ditto	18th Aug. 1892	*****	•••

On special duty.—Served with the Survey Party attached to the Khajuri Field Force, under the orders of Captain R. J. Mackenzie, R.E., during the months of September and October 1892.

On special duty to Kuram 1" Survey. Afterwards attached to the Kuram detachment under the

orders of Lieutenant Macaulay, R.E.

On special duty.—Served with the Kuram Demarcation Commission under the orders of Mr. J. Donald, C.I.E., Political Officer, during the months of November and December 1894.

Waziristan	•	Sub-Asst. Supdt., 2nd grade, attached to the Field Force			
Chitral		Survey Party	15th Feb. 1895	*16***	•••
Cultin	•	attached to the Relief Force,			
Baluchistan		Survey Party	24th Mar. 1895	•••••	***
•		attached to No. 15 Party,	1-4 N 1005		
Ditto		Topl. Survey Ditto 1st grade,	1st Nov. 1895	*****	•••
		ditto	26th Nov. 1895		***

Privilege leave for 3 months, from 8th January 1896.

Served with the Tirah Expeditionary Force, from 12th September 1897.

Baluchistan .	Sub-Asst. Supdt, 1st stached to No. 15 Topl. Survey	grade, Party,	5th May 1898		
	ļ			l l	

War Services.—Served during the Afghan Campaigns under the orders of Captain R. G. Woodthorpe, R.E.; present at Ali Khel, 14th October 1879, attack of Takht. Shah and Asmai heights on the 13th and 14th of December 1879. Served in the Sarvey operations during the Waziri Expedition of 1881, present when Survey Party was attacked on Shurdar Mountain; served with Survey Party on Takhti-Suliman Survey Expedition, December 1883, in the Survey operations during the Zhob Gomal Expedition of 1889-90 under the orders of Major T. H. Holdich, R.E. Served with the Khajuri Kach Field Force during September and October 1892, with the Waziri Field Force Survey Party, 1895. received medal, and with the Chitral Relief Force Survey Party during the months of April to September 1895. Served with the Tirah Expeditionary Force, from 12th September 1897.

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

Station.	Substantive Appointment,	Date.	Officiating Appoint- ment.	Date.
W. Pro-				
vinces .	Proby. Asst. Surveyor, 3rd		1	
	grade, attached to No. 4		ì	
	Party, Cadl. Survey	15th Oct. 1883		***
Ditto .	Asst. Surveyor, 3rd grade,			
	ditto	1st Oct. 1884	,.,,.,	***
luzaffarpur .	Ditto ditto, attached			
•	Ditto ditto, attached to No. 8 Party, Cadl. Survey	5th Oct. 1885		***

Privilege leave, from 5th April to 19th June 1886.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Muzaffarpur .	Asst. Surveyer, 2nd grade, attached to No. 8 Party,	, i		
Baluchistan .	Cadl. Survey	1st July 1886	••••	***
Gurma .	to No. 16 Party, Topl. Survey Ditto, ditto, attached	1st Oct. 1886	*****	•••
,		1st Oct. 1888	41 -111	•••
	Privilege leave from 1	13th May to 12th	August 1890.	•
Central Pro- vinces .	Asst. Surveyor, 2nd grade, attached to No. 14 Party,			
Ditto .	Topl. (Forest) Survey Ditto, 1st grade, ditto	1st Oct. 1891 13th Sept. 1892		•••
Ditto .	Sub-Asst. Supdt., 1st grade,	1000 Sept. 1832	•••••	•••
Ditto .	ditto	18th Aug. 1892	*****	***
Ditto .	(reorganisation) Ditto, lst grade,	23rd May 1893	•••••	•••
Ditto .	ditto	6th July 1894	•••••	***
Ditto .	putation, Forest Surveys Ditto ditto, attached to No. 14 Party, Topl.	1st Nov. 1894	******	•44
		25th Apl. 1896		*44
	Privilege leave for 1 month,	from 27th April	1896.	
		from 2nd August	to 1st September 1897.	
Dehra Dun .	Sub-Asst. Supdt., 1st grade, attached to Trigonometrical Branch Office	9th Oct. 1897		
Central Pro- vinces.	Ditto ditto, on deputa- tion, Forest Survey Depart-	901 000, 1097	•	•••
		15th Oct. 1897	•••••	***
	1			

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Debra Dun .	grade, attached to Trigono- metrical Branch Office (under	11th Nov. 1897		

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

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

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

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Pro- vinces, Raj- putana, Af- ghanistan, Baluchistan,				
etc	Sub-Surveyor	1st Sept. 1871 to		
		5th May 1891		***
Baluchistan . East Africa .	Asst. Surveyor, 3rd grade, attached to No. 15 Party, Topl. Survey Ditto, ditto, attached	6th May 1891		•••
	to the Anglo-German Bound- ary Commission Survey	4th Feb. 1892	• • • • • • •	***
Ditto .	Asst. Surveyor, 2nd grade,	14th Jan, 1898		***
Ditto .	Sub-Aest. Supdt., 2nd grade, ditto	18th Aug. 1892		***

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Baluchistan .	Sub-Asst. Supdt., 2nd grade, at- tached to No. 15 Party, Topl.			
Ditto .	Survey Ditto, ditto, 3rd grade (reorganisation), attached to	5th May 1893		•••
Ditto	No. 15 Party, Topl. Survey . Ditto, 2nd grade, ditto	23rd May 1893 6th July 1894	•••••	

Privilege leave for 3 months, from 6th August 1896.
Services placed at the disposal of the Zanzibar Government, 5th March 1897.

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

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
NW. P. and Oudh .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 2 Party, Revenue Survey	17th Nov. 1896		
Ditto .	Ditto, ditto, attached to Nos. 2 and 8 Parties, Re-	17611 NOV. 1830	•••••	•••
Ditto .	venue Survey Sub-Asst. Supdt., 3rd grade,	1st Nov. 1897	•••	•••
	ditto	17th Nov. 1897	******	•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Pate.
Ranchee,				<u>'</u>
mora-raskbur.	Sub-Asst. Surveyor, 3rd class, attached to No. 4 Party,			
	Chota-Nagpur Division, Topl.			
Dist.	Survey	16th June 1		•••
Ditto .	Ditto, 4th grade, ditto .	1et Apl. 1	1866)	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date,
Kanchce, lhota-Nagpur	Asst. Surveyor, 3rd grade, attached to No. 4 Party, Chota-Nagpur Division, Topl.			
	Survey	1st Jan. 1867	*** * * *	104
	Privilege leave, from	lst July to 30th	deptember 1863.	
	Ditto from 2	5th July to 8th A	lugust 1870.	
Ranchee, Chota-Nagpur	Asst. Surveyor, 2nd grade, attached to No. 4 Party, Chota- Nagpur Division, Topl. Survey	lst Sept. 1870		
Ditto .	Ditto, 1st grade, ditto .		1	***
	Privilege leave for 6 weeks	, from 21st May	to 2nd July 1574.	
Bangalore,		1		
Mysore . Ditto .	Asst. Surveyor, 1st grade, attached to No. 8 Purty, Topl. Survey Surveyor, 4th grade, attached	1st Oct. 1876	,	***
	to Nos. 8 and 9 Parties, Topl. Survey	22nd Nov. 1880		***
	Privilege leave for 5	months, from 18	8th June 1883.	•
Bangalore,	į.	1	1	1
Мувоте .	Surveyor, 4th grade, attached to Nos. 8 and 9 Parties, Topl. Survey		In temporary charge, No. 8 Party, Topl. Survey	4th Aug. 1885
Ditto .	Ditto. ditto, attached to No. 8 Party, Topl. Survey .	1st Sept. 1885		***
Ditto .	Ditto, ditto		In temporary charge, No. 8 Party, Topl. Survey	15th Mar. 1866
Ditto .	Ditto, ditto .	. 22nd Mar. 1886	· · · · · ·	
Ditto .	Ditto, ditto	•••	In temporary charge, No. 8 Party, Topl. Survey	let July 1886.
Ditto .	Ditto, ditto	1st Aug. 1886		
Ootacamund, Madras .	Ditto, ditto, attached to No. 19 Party, Topl. (Forest)	}	989111	•••
Calcutta .	Survey	let Nov. 1886	,,,,,,	
Chin-Lushai .	Head-Quarters Office Ditto, ditto, attached to Expeditionary Force, Survey		'. !	
	Detachment	2nd Jan. 1889 16th May 1889		
Dista	Surveyor, 3rd grade, ditto .	16th May 1889		•••
Ditto .				
D:44-	Ditto, ditto, attached to	1		
Ditto	Ditto, ditto, attached to Head-Quarters Office	lst Aug. 1889 10th Nov. 1890	. 1	***

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

Station.	Substantive Appointment.	Date.	Officiating Appoint.	Date.
ilcutta .	Extra Asst. Supdt., 3rd grade,			
	and Draftsman, attached to		1	
	Head-Quarters Office	18th Aug. 1892		•••
Ditto .	Ditto, 4th grade (reorga-		i	
	nisation), ditto .	23rd May 1893		•••
per Burma				***
	to No. 21 Party, Topl. Survey	1st Nov. 1893		
Ditto .	Ditto, 3rd grade, ditto.) .		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta . Oudh	Apprentice Draftsman attached to Head-Quarters Office Sub-Asst. Surveyor, 4th grade, attached to 2nd Divn., Reve- nue Survey	9th Apl. 1866		
	Leave on medical certificat	e. from 26th May	to 9th June 1869.	***
Oudh	Asst. Surveyor, 3rd grade, attached to 2nd Divn., Reve-			
70144	nue Survey	1st Nov. 1869		•••
Ditto Bengal	Ditto, 2nd grade, ditto . Ditto, ditto, in charge,	1st Nov. 1872	**	***
Driess	Jalpaiguri Tea Estates Survey Ditto, ditto, attached	1st Oct. 1878	•••••	•••
Du	to Cuttack Irrigation Survey	10th June 1879	*****	•••
Ditto .	Ditto, 1st grade, ditto . Ditto, ditto, attached	1st Jan. 1880	•••••	***
ower Burma	to Khorda Cadastral Survey. Ditto, ditto, attached to No. 7 Party, Cadastral	31st Mar. 1880	*****	***
	Survey	31st Oct. 1880	••••	•••
Ditto	Surveyor, 4th grade, ditto . Extra Asst. Supdt., 4th grade,	3rd Dec. 1888	*****	***
Ditto .	ditto	18th Aug. 1892	*****	940
Div	niention), ditto	23rd May 1893 (•••	•••
Ditto .	Ditto, 4th grade, ditto .	1st Jan. 1897		***
			1	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dun .	grade, attached to Trigono- metrical Branch Office (un-	17th Nov. 1897		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Prov-	Proby. Asst. Surveyor, 3rd			
inces •	grade, attached to No. 13		J	
Ditto .	Party, Revenue Survey Asst. Surveyor, 3rd grade,	13th Nov. 1888		,,,
Ditto .	ditto Ditto, ditto, attached	13th Nov. 1889		
	to No. 9 Party	1st Nov. 1889	••••	
Ditto .	Ditto, 2nd grade,	8th May 1892		
Ditto .	Sub-Asst. Supdt., 2nd grade	18th Aug. 1892		
Ditto .	Ditto, ditto, attached	Total Aug. 2002	 ,	
	to No. 9 Party, Revenue Survey	6th Dec. 1894	,	
	Privilege leave, from 20	th September to	18th October 1895.	
NW. Provin-		1	1	
ces .	Sub-Asst. Supdt., 2nd grade, attached to No. 2 Party.			
D '44 -	Revenue Survey	19th Oct. 1896	*****	•••
Ditto .	Ditto, ditto, on depu- tation, Settlement Dept.	5th Nov. 1896	000	•••
Ditto ,	Ditto, 1st grade, ditto .	5th Feb. 1897	******	
		}		
		1		
		1		

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P	Proby. Asst. Surveyor, 3rd grade, attached to No. 4			
	Party, Revenue Survey Asst. Surveyor, 3rd grade,	18th Aug. 1884	•••••	
Ditto	ditto . Ditto, 2nd grade,	18th Aug. 1885		
Jpper Burma	ditto . Ditto, ditto, attached to No. 12 Party, Cadastral	1st Nov. 1888	******	•••
Ditto .	Survey Ditto, let grade,	20th Nov. 1890		•••
Ditto	ditto . Sub-Asst. Supdt., 1st grade,	6th Dec. 1892	*****	***
Ditto .	ditto Ditto, 2nd grade	18th Aug. 1892	\$51.184	1+4
Ditto	(reorganisation), attached to ditt. Ditts, ditto, on deputa-	23rd May 1893	1444	
Ditto	tion to Land Records Dept Ditto, 1st grade,	7th Nov. 1895	745 0#8	•••
	ditto .	27th Mar. 1895	*** ***	
i !	i	i	·	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Debra Dun	. Asst. Surveyor, 4th grade, attached to Trigl. Survey Office	1st June 1874		•••
	Privilege leave for 1 mo	onth, from 1st De	ecember 1875.	
lombay .	Asst. Surveyor, 4th grade, at- tached to Kathiawar Party, Topl. Survey	1st Nov. 1876		•••
	Privilege leave for 1		h April 1879.	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Dute.
•••	Asst. Surveyor, 4th grade, at-	1		
	tached to No. 1 Party, Astro-)	
	nomical Survey	1st Oct. 1880	•••••	•••
•••	Ditto, 3rd grade, ditto . Ditto, ditto, attached to	22ud Nov. 1880		***
•••	No. 5 Party, Tool. Surevy .	1st July 1881		1
Assam	Ditto, ditto, attached	}		'''
	to No. 6 Party, Topl.			1
6 114	Survey	1st Oct. 1881	******	
Ditto	Ditto, 2nd grade, ditto . Ditto, ditto, attached	22nd Feb. 1883	*****	
	to Hend-Quarters Office .	8th Oct. 1883		
Andamans .	Ditto, ditto, attached	}		•••
	to Topl. Survey	lst Nov. 1883	*** ***	
		1		l
	Privilege leave for 1	month, fram 13th	October 1883.	1
. enamaba	Asst. Surveyor, 1st grade, at-	1st July 1886		
Nicobars .	Ditto, ditto, attached	150 5 diy 1000	100 100	•••
	to Nicobar Topl. Party .	1st Oct. 1886		
Debra Dun .	Ditto, ditto, attached			1
ļ	to Trigl. Survey Office .	1st Oct. 1887		•••
	Privilege leave, from 26th	September to 22	nd December 1887.	
per Burms	Asst. Surveyor, 1st grade, at-	·	İ	1
, , , , , , , , , , , , , , , , , , , ,	tached to No. 24 Party, G. T.			
Central Prov-	Survey	1st Oct. 1888	*** ***	***
inces .	Ditto, ditto, attached			
	to No. 14 Party (Hoshanga-	1-4 0-4 1990		
	bad), Topl. (Forest) Survey .	•	4 4000	
	Privilege leave for 1	month, from 4th	August 1890.	•
Central Prov.				
inces ,	Sub-Asst. Supdt., 1st grade, attached to No. 14 Party			
	(Hoshangabad), Topl. (Forest)			
	Survey	18th Aug. 1892	***	
Ditto .	Ditto, ditto, No. 14			
Dec	Party (Nimar)	1st Nov. 1892	M. day 4 -4 Com. 14	•••
Ditto .	Ditto, ditto .	•••	Extra Asst. Supdt.,	25th Nov. 1898
Ditto .	Ditto, ditto, ditto .	24th Jan. 1894	6th grade	
Ditto	Extra Asst. Supdt., 6th grade,		****	j
	ditto	6th July 1894	*** ***	•••
Ditto .	Ditto, ditto, No. 14	1		_
Ditto .	Party (C. P.) ditto	1st Jan. 1895	In temporary charge,	•••
Ditto .	Ditto, ditto	•••	No. 14 Party, Topl.	
			(Forest) Survey	2nd Nov. 1895
Ditto .	Extra Asst. Supdt., 6th grade,		, ,	
	attached to No. 14 Party			
	C. P.), Topl. (Forest)	445 Dec 1005		•••
Th - 1 - 1 - 1 -	Survey	4th Dec. 1895	4- 0041 Contamban 1995	
	e leave for 2 months and 15 days	, jrom 12th July	tu 20th Beptember 1991	(
Lushai ,	Extra Asst. Supdt., 6th grade,		}	}
	attached to No. 14 Party, (Lushai) Topl. Survey	1st Oct. 1897		
Ditto .	Ditto ditto ditto	180 000, 1007	In temporary charge,	
	1	"	No. 14 Party,	
			(Lushai) Topl. Sur-	1045 Tana 1906
	1	1	vey	19th Jane 1898

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Owalior and Central In-	tached to No. 1 Party, Topl. Survey	1st Oct. 1872		7.4
Rajputana . NWProvin-	Ditto, ditto, attached to No. 7 Party, Topl. Survey	15th Oct. 1875	******	442
ces Ditto .	Sub-Asst. Conservator, attached to the Forest Department Asst. Surveyor, 3rd grade, attached to 5th Divn., Rev.	lst Nov. 1877	******	944
Bombay .	and Cadl. Survey Ditto, ditto, attached to No. 10 Party, Topl.	1st Oct. 1878	•••••	***
Ditto . Ditto .	Survey]		***
Ditto . Upper Burma	ditto . Sub-Asst. Supdt., 1st grade, ditto Ditto, ditto, attached	21st Nov. 1883 18th Aug. 1892	*** ***	***
Ditto	Ditto, ditto, attached to No. 11 Party, Topl. Survey Ditto, ditto, attached	1st Oct. 1892	*****	•••
Ditto .	to the Anglo-Siamese Boundary Commission Ditto, ditto, attached	1st Dec. 1892		***
Ditto .	to No. 11 Party, Topl. Survey Extra Asst. Supdt., 6th grade,	1st May 1893		40.
Ditto .	ditto			***
1	Privilego leave for 1	9 days, from 15//	n June 1898.	
		}	1	

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

Station,	Substantive Appointment.	Date.	Officiating Appointment,	Date.
Dehra Dun .	Asst. Surveyor, 4th grade, at- tached to Trigl. Survey			
Mysore .	Office	19th Aug. 1875	•••	•••
	to No. 8 Party, Topl. Survey.	Oct. 1876		***
Ditto .	Ditto, 3rd grade, ditto	1st Apl. 1881		
Ditto Jpper Burma	Ditto and and ditto	24th Nov. 1883	•••••	
	to No. 21 Party, Topl. Survey	14th June 1886	210.00	***
Ditto :	Ditto, 1st grade, ditto	1st Nov. 1889		•••
iam .	ditto	18th Aug. 1892	••••	·••
	deputation to Siam Governe	13th Oct. 1894.	,	•••

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Siam . Upper Burma	Extra Asst. Supdt., 6th grade, on deputation to Siam Gov- ernment	8th June 1896		
	Survey	28th June 1897		***
	Leave on medical certifica	te for 9 months,	from 1st July 1897.	
Madras .	Extra Asst. Supdt., 6th grade, attached to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1		
Upper Burma	Ditto, dit o. attached to No. 21 Party, Topl. Survey	1 -	1 1	•••
		1		
1				
			•	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Gwalior and Central				
India .	Asst, Surveyor, 4th grade, at-		!	
311/21/0	tached to No. 1 Party, Topl.			
,	Survey	11th Aug. 1873		•••
Mysore .	Ditto, ditto, uttached			
, -	to No. 8 Party, Topl.			
		1st Oct. 1676	******	***
Ditto	Ditto, ditto		Deputation to P. W. D.	
			on Famine Relief	
			daty	lat Sept. 1877.
Bombay .	Ditto, ditto, attached		i	
	to No. 11 Party, Topl. Rev.			i
~ .	Survey	16th Oct. 1878	*****	•••
Ditto .	Ditto, 3rd grade, ditto .		*****	144
Ditte .	Ditto, 2nd grade, ditto .		*****	200
Ditto . Ditto .	Ditto, 1st grade, ditto . Ditto, ditto, attached	1st Mar. 1885	*****	
Ditto .	to No. 17 Party, Trigi.			ļ
	Topl. Survey	April 1885		979
Ditto .	Ditto, ditto, attached	April 1000	*****)
171000	to No. 10 Party, Topl.		ļ.	
	Rev. Survey	1st. Oct. 1888		•••
Pengal .	Ditto, ditto, at-	100. 000. 1000	1	
	tached to No. 4 Party, Re-		1	
	venue Cadastral Survey .	1st Nov. 1890		***

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Leave on medical certificate	e, from 12th May	y to 7th July 1892.	
Bengul .	Asst. Surveyor, 1st grade, attached to No. 4 Party,		1	
Ditto .	Revenue Cadl. Survey Sub-Asst. Supdt., 1st grade,	8th July 1892	•••••	344
Sombay .	ditto . Ditto, ditto, attached to No. 10 Party, Topl. Reve-	18th Aug. 1892		•••
Ditto .	nue Survey Extra Asst. Supdt., 6th grade,	let Nov. 1892		•••
aluchistan .	ditto	23rd May 1893		•••
	Survey	1st Nov. 1895		***
Privilege l	eave for 3 months, from 18th No	vember 1897, reti	urned to duty 11th Febr	uary 1898.
aluchistan .	Extra Aest. Supdt., 5th grade. attached to No. 15 Party, Topl, Sprvey	4th June 1898	*** ***	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Asst. Surveyor, 4th grade, attached to Head-Quarters			
NW. Pro-	Office Ditto, ditto, attached to No. 2 Party, Revenue	24th July 1874		***
Assam .	Survey Ditto, ditto, attached	1st Oct. 1874	******	peri
	to Lakhiraj, etc., Estates Survey	1st Nov. 1878		***
	Sick leave, from 61	h to 22nd Febru	ary 1879.	
NW. Prov-	Asst. Surveyor, 4th grade, attached to No. 6 Party,		1	
	Cadl. Survey		l	•••
Ditto Bengal	Ditto, 3rd grade, ditto . Ditto, ditto, attached to No. 6 Party, Hughli River	20th Dec. 1880		***
.	Survey	1st Nov. 1881		•••
Ditto Assam	Ditto, 2nd grade, ditto . Ditto. ditto. attached		•••••	•••
Central Prov-	to No. 6 Party, Cadl. Survey	1st Nov. 1883	*****	•••
inces .	Ditto, ditto, attached to Sambalpur Dist. Reve-			
	nue Survey	1st Nov. 1885	*****	•••
7	<u> </u>	!	<u> </u>	

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Central Prov- inces .	Asst. Surveyor, 1st grade, attached to No. 2 Party,			
Orissa	Revenue Survey Ditto, ditto, attached to No. 8 Party, Revenue and		******	***
Ditto	Cadl. Survey Sub-Asst. Supdt., 1st grade,	1st Nov. 1898		***
Bihar	ditto . Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl.	18th Aug. 1892	*****	***
	Survey	1st Oct, 1893		•••
Ditto	Extra Asst. Supdt., 6th grade, ditto	27th Mar. 1895		••
Ditto	Ditto, ditto, attached to No. 4 Party, Cadl. Survey	1st Oct. 1895		•••
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Lee, Charles Graham.—Joined the service, 1st December 1893.

Station.		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Burms	•	Office Asst., attached to No. 2 Party, Cadl. Survey, Pegu			
Ditto	•	and Shwegyin District Ditto, ditto, attached to No. 2 Party, Topl.	1st Dec. 1883		***
Bihar	•	Survey, Shwegvin Dist. Ditto, ditto, attached to No. 8 Party, Cadl.	1st Nov. 1894	******	
Ditto		Survey	1st Nov. 1885		•••
Chittagong	٠	ditto Ditto, ditto, attached to Chittagong Detachment.	lst Mar. 1886		***
		Cadl. Survey	1st Dec. 1888		***
Ditto	٠	Ditto, 2nd grade, ditto	13th May 1889		•••
Ditto	•	Ditto, ditto, attached to No. 2 Party, Cadl. Survey,	_		
			lst Nov. 1889		***
Ditto	•	Sub-Asst. Supdt., 2nd grade,	1041 4 7000		
Bihar	•	ditto Ditto, ditto, attached	18th Aug. 1892	••	.,-
		to Nos. 4 and 5 Parties, Cadl. Survey	1st Oct, 1893		***
		·			

N.W. P. and	Sub. Asst. Supdt., 1st grade, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, ditto, attached	3rd May 1895		

1	to No. 2 Party, Revenue Survey	26th Oct. 1896	•	·•••
ł	Sub-Asst. Supdt., 1st grade, attached to No. 4 Party			
iain .	(Bihar) Ditto, ditto, on deputation to Siam Government	20th Oct. 1897	******	•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
ocom . S	rveyor, attached to Forest urvey Department by. Asst. Surveyor, 3rd	14th Nov. 1888		***
Ditto gr	rade, ditto . D-Asst. Supdt., 3rd grade,	10th Jan. 1892		
_ '	medical certificate, from 6	18th Aug. 1892 Sth. to 16th and		· 1894.
entral Prov. Su inces at	b-Asst. Supdt., 2nd grade, inched to Forest Survey De- artment.	l í		
	Privilege leave for 1	month, from 20t	h June 1898,	

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

		ment.	Date.
atice, attached to 1st	lst Jan. 1860	,,,,,,	***
, attached to 1st Divn.,	5th Nov. 1862		1+1
	ntice, attached to 1st., Revenue Survey. Sub-Asst. Surveyor, 4th, attached to 1st Divn., nue Survey.	Sub-Asst. Surveyor, 4th, attached to 1st Divn.,	Sub-Asst. Surveyor, 4th, attached to 1st Divn.,

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
7- 4-1 P				
Central Prov-	Sub-Asst. Surveyor, 3rd class,	ŀ	l	ì
inces .	attached to 1st Divn., Revenue	Ì	l ·	
	· ·			
5.00	Survey	5th Nov. 1864	•••••	
Ditto .	Asst. Surveyor, 3rd grade,			
_	ditto	1st July 1867		
Ditto .	Ditto, 2nd grade,	1	1	
	ditto	5th Nov. 1868	1	
Ditto .	Ditto, 1st grade,	ļ		
	ditto	5th Nov. 1871	·	}
N.W. Prov.	Ditto, ditto, at-			1
inces, Ham-	tached to 4th and 7th	ľ	(· ·
irpur and	Divisions, Revenue and	1		1
Orisea.	Cadastral Survey .	1st Nov. 1872		
Ditto .	Surveyor, 4th grade, ditto	5th Nov. 1874	1	
V.W. Prov-	Ditto, ditto,	000 2000		""
inces .	attached to No. 5 Party,		1	,
111169 .	Revenue and Cadastral		1	
ſ		1a4 Amril 1957	Į.	
D:44-	Survey	lst April 1877		100
Ditto .	Ditto, 3rd grade, ditto,	23rd Sept. 188 3		
Ditto .	Ditto, ditto, ditto	•••	In temporary charge,	
i			No. 5 Party, Re-	'
i			venue and Cadastral	
			Survey	11th July 1887
Ditto .	Ditto, ditto, ditto	14th Sept. 1887	*** 1 * 1	
entral Prov-		_		
inces .	Ditty, ditto, in charge			
	of Balaghat detachment,	1		
	Revenue Survey	1st Nov. 1888		
Jpper Barma	Ditto, ditto, attached			
pper During	to No. 3 Party, Cadastral		·	
		lst Nov. 1889		
Dista	Survey	18t MOV. 1005	•••••	••
Ditto .	Ditto, 2nd grade,	#11 D 3000		
	ditto	5th Dec. 1889	•••	•••
⊿ower Burma	Ditto, ditto, attached		}	
	to No. 12 Party, Traverse	[Į.	
	Survey	1st Feb. 1890		•••
Ipper Burms	Ditto, ditto, attached		i	
-	to No. 12 Party, Cadas-		l	
	tral Survey	lst Nov. 1891		* ***
Ditto .	Extra Asst. Supdt., 2nd grade,			
~	ditto	18th Aug. 1892	,,,,,,	144
Ditto .	Ditto, 3rd grade (reorgan-			
	isation), ditto .	23rd May 1893		***
Ditto .	Ditto, ditto,			
	attached to No. 3 Party,			4
ł	Cadastral Survey	1st Nov. 1895		
Ditto		TP0 1104. 1099		
Ditto .		1-4 4-1 1000	i	•••
TOTAL -	ditto	1st Apl. 1896	To famous shares	***
Ditto .	Ditto, ditto, ditto .	111 -	In temporary charge,	
			No. 3 Party, Cadas-	12th Dec. 1896.
 .			tral Survey	
Ditto .	Ditto, ditto, ditto .	3rd Nov. 1897	•••••	•••
Ditto .	Ditto, 1st grade, ditto .	14th Dec. 1897		***
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			. '	
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Littlewood, Charles Sutherland.—Joined the service, 1st December 1894.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Burma . Ditto .	Apprentice, attached to No. 3 Party, Cadl. Survey Proby. SubAsst. Supdt., 3rd	1st Dec. 1894.		•••
Calcutta .	grade, attached to No. 7 Party, Cadl. Survey Ditto ditto, attached	15th Nov. 1896.		***
Ditto	to Head-Quarters Office . Sub-Asst. Supdt., 3rd grade,	30th June 1897		
NW. Provs.	ditto Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev.	15th Nov. 1897		***
	Survey	1st Jan. 1898	*****	***
			. •	
	•			

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Mussoorie .	Proby. Asst. Surveyor, 4th			
NW. Prov.	grade	6th July 1868	*** ***	***
inces .	Divn., Revenue Survey	6th July 1868	*****	
Ditto .	Ditto, ditto, attached to	Ĭ		
	No. 4 Party, 2nd Divu., ditto	1st Dec. 1870		
Punjab ,	Ditto, ditto, attached to	186 Dec. 1070		'''
•	No. 15 Party, Bahawalpur			
There	Survey	1st Dec. 1870	******	
Ditto .	Asst. Surveyor, 3rd grade .	6th July 1871		•••
Ditto NW. Prove	Ditto, 2nd grade	6th July 1874	******	•••
NW. Prov-	Ditto, ditto, attached to	1.4 0.4 1074		
Ditt	No. 4 Party, Revenue Survey	1st Oct. 1874	*****	•••
Ditto .	Ditto, 1st grade,	1st Apl. 1881		
Calcutta	Ditto, ditto, Head-	180 Apr. 1001	*****	•••
carcutta .	Quarters Office	1st Apl. 1884		
Ditto .	Ditto, ditto .		Surveyor, 4th grade .	6th June 1890.
Oriesa .	Ditto, ditto, attached		, and the property of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	to No. 8 Party, Cadl.			
	Survey	30th Sept. 1890		
Ditto .	Surveyor, 4th grade,		1	
Dr.	ditto	4th Nov. 1890	114144	
Ditto .	Extra Asst. Supdt., 4th grade,		į	
Ditto	ditto	18th Aug. 1892	*****	,,,,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ditto, ditto, 5th grade (reorganisation), ditto .	23rd May 1893		
Bihar	Ditto, ditto, attached	2010 May 1093	•••••	···
	to Nos. 4 and 5 Parties,	ł	}	
	Cadl. Survey	1st Oct, 1893		

Under suspension (on half pay) from 15th May to 6th August 1894.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Sub-Asst. Supdt. 1st grade, attached to Head-Quarters Office	7th Aug. 1894	,,,,,	***
	Privilege leave for 1 mont	h and 14 days,	from 1st July 1897.	
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Marten, James. - Joined the service, 22nd October 1875.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Apprentice, attached to Forest Survey Department Surveyor, attached to Forest Survey Department			
	Leave on medical certificate f	or 2 months, fr	om 16th January 1882.	
Central Provinces .	Asst. Surveyor, 1st grade, on deputation, Forest Survey Dept. Sub-Asst. Supdt, 1st grade, ditto	6th Oct. 1888 18th Aug. 1892		
	Privilege leave for 21	months, from Bra	August 1891.	
•••	Extra Asst. Supdt., 6th grade, on deputation, Forest Survey Department	27th Oct. 1895		***

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
inces,	Surveyor, attached to Forest Survey Department Asst. Surveyor, 1st grade, on	14th March 1874	111.7**	***
inces .	deputation, Forest Survey Department	6th Oct. 1888		

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Central Provinces	Sub-Asst. Supdt., 1st grade, on deputation, Forest Survey Department	18th Aug. 1892	100.00	
Ditto	Extra Asst. Supdt., 6th grade, ditto	23rd May 1893	••••••	
			·	

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

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Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay	SubAsst., 3rd class, attached			
	to Bombay Party (Mangalore	a.1 a . 10a.		
D:44-		6th Sept. 1864	*****	•••
Ditto Ditto	Ditto, 4th grade, ditto Ditto, ditto, attached to	1st April 1866	111 441	•••
Ditto		1st Nov. 1866		
Ditto		1st June 1867	*****	•••
Ditto	. Asst. Surveyor, 3rd grade,		********	•••
		1st Sept. 1869	*****	
Ditto	Ditto, ditto, attached			1
5		1st Nov. 1869	*** ***	•••
Ditto		let May 1570	•••••	•••
Ditto	. Ditto, 1st grade, ditto .	18t May 1873	•• •••	l •••
	Privilege leave for 1 m	onth, from 4th.	August 1873.	
Himoleyes	. Asst. Surveyor, 1st grade,	1	ì	1
•	attached to Kumaon and			
		1st April 1874	*****	•••
Bomba y	Ditto, ditto, attached	1.4 D 1074		
Ditto	to Gujarat Topl. Survey . Surveyor, 4th grade, ditto .	1st Dec. 1874	*** ***	•••
Ditto	•	-		•••
	Privilege leave for 2 m	ontre, from 8th	June 1878.	
	Ditto from 4th	h September to	lst November 1882.	
	Leave on medical certificate for	or 1 month, from	n 30th December 1882.	
Pombay	. Surveyor, 4th grade, attached	!		ļ ·
	to Gujarat Topl. Survey . 3	80th Jan. 1888	*****	•••
Dehra Dun	Ditto, ditto, attached			
	to Drawing Section, Trigl.	1st Feb. 1885		
Ditto		1st July 1886	*****	***
Ditto	Ditte, 3rd grade, ditto Extra Asst. Supdt., 3rd grade,	100 0 015 1000	******	***
~ 1000	ditto 1	8th Aug. 1892	*****	ļ <u></u>
Ditto		8th Nov. 1892	*****	
Ditto	Ditto, 4th grade (reor-			
	ganisation), ditto	23rd May 1893	****	•••

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment,	Date.
	Privilege leave for 2 m	nonths, from 3rd	January 1895.	
Dehra Dun Ditto	Extra Asst. Supdt., 3rd grade attached to Drawing Section, Trigl. Pranch Office Ditto, 2nd grade, ditto	26th Nov. 1895 14th Dec. 1897	·····	•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Central Provinces.	attached to No. 2 Party, Rev.	1-4 T-1- 100F		
Ditto .	Survey	let July 1867	*****	***
Ditto .	Ditto, 2nd grade, ditto	1st July 1070	101.000	
N. W.·Prov-	Dicto, Zhu grade, dicto	TRE SULL TO LO	41.44	·••
inces ,	Ditto, ditto, at- tached to No. 2 Party, Cadl.			Ì
,		1st Jan. 1974	*****	
Calcutta .	Ditto, ditto, attached to Head Quarters Office .	1st Nov. 1876		111
Lower Purma	Asst. Surveyor, 2nd grade,	1	1	1
Ditto .	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto.	lst Jan. 1880 1st April 1881		
Ditto . Central Provinces.	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey	1st April 1881 7th Oct. 1884		
Ditto Central Provinces.	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto.	1st April 1881 7th Oct. 1884		
Ditto . Central Provinces.	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto. Surveyor, 4th grade, ditto. Ditto, ditto, ditto.	1st April 1881 7th Oct. 1884	Surveyor, 4th grade .	 24th Nov. 1898
Ditto Central Provinces. Ditto Ditto	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto. Surveyor, 4th grade, ditto. Ditto, ditto, ditto. Extra Asst. Supdt., 4th grade,	7th Oct. 1884 	Surveyor, 4th grade.	 24th Nov. 1898
Ditto Central Provinces. Ditto Ditto Bengal Ditto	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto. Surveyor, 4th grade, ditto. Ditto, ditto, ditto. Extra Asst. Supdt., 4th grade, ditto.	7th Oct. 1884 	Surveyor, 4th grade.	 24th Nov. 1898
Ditto . Central Provinces. Ditto . Ditto . Bengal . Ditto . Ditto	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto. Surveyor, 4th grade, ditto. Ditto, ditto, ditto. Extra Asst. Supdt., 4th grade, ditto Ditto, 5th grade (reorganisation) ditto	7th Oct. 1884 	Surveyor, 4th grade.	 24th Nov. 1898
Ditto Central Provinces. Ditto Ditto Bengal Ditto	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto. Surveyor, 4th grade, ditto. Ditto, ditto, ditto. Extra Asst. Supdt., 4th grade, ditto. Ditto, 5th grade (reorgan-	7th Oct. 1884 16th May 1859 1et Nov. 1889 18th Aug. 1892 23rd May 1893	Surveyor, 4th grade	24th Nov. 1898
Ditto . Central Provinces. Ditto . Ditto . Bengal . Ditto . Ditto	attached to No. 2 Party, Cadl. Survey Ditto, 1st grade, ditto. Ditto, ditto, attached to No. 2 Party, Rev. and Cadl. Survey Ditto, ditto ditto. Surveyor, 4th grade, ditto. Ditto, ditto, ditto. Extra Asst. Supdt., 4th grade, ditto Ditto, 5th grade (reorganisation) ditto Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	7th Oct. 1884	Surveyor, 4th grade	24th Nov. 1898

Station	ı. Substant	ive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Privilege leave	for 2 months and 23	days, from 3r	d August to 25th October	1895.
Bibar	attached	Supdt., 5th grade, to Nos. 4 and 5		1	
Calcutta		adl. Survey ditto, attached	1st Oct. 189		100
Ditto	to Head-Q	uarters Office . ditto, and Drafts-	4th Nov. 189	6	•••
Ditto	man, Head	l-Quarters Office ditto, and Head	7th Nov. 189	6 🛰	•••
Ditto	Draftsman		2nd Dec. 189	6	•••
	Priv	vilege leave for 2 mo	nths, from 1st	September 1897.	
and Oud		Supdt., 5th grade, to No. 2 Party,	1st Sept. 1897	7	400
Ditto	Ditto,	ditto, Nos. 2 ies, Rev. Survey .	- Let Nov 1895	,	
Ditto	Ditte.	4th grade, ditto			•••
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Murphy, John.—Joined the service, 22nd November 1868.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
N. WP. and	Office Assistant, attached to			
Oudh. Ditto	2nd Divn., Revenue Survey . Proby. Assistant Surveyor, 4th	22nd Nov. 1868	••••	•••
•	grade, ditto, 1st Divn., ditto.	1st Nov. 1871	•••	•••
Ditto .	Ditto, ditto, 2nd Divn., ditto. Ditto, ditto, ditto, 4th	1st Jan. 1872	•••	•••
	Divn., Revenue and Cadl.	1st Oct. 1877		
Ditto	Survey Ditto, 8rd grade, ditto	1	*****	***
Burms .	Ditto, ditto, attached to No. 2 Party, Cadl. Sur-		İ	
5	vey	1st Dec. 1879	*****	***
Ditto WProv-	Ditto, 2nd grade, ditto .	1st April 1881		***
inces .	Ditto, ditto, attached			
		20th June 1883		•••
Ditto ower Burma	Ditto, 1st grade, ditto .	10th Aug. 1883	*****	•••
wer nauny	Ditto, ditto, attached to No. 7 Party, Cadl.	l.		
Ditto	Survey	1st Nov. 1891	•••••	***
•	ditto .	18th Aug. 1892		***
Ditto .	Extra Asst. Supdt., 6th grade,	23rd Mny 1893		

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date,
NW. P. and Oudh. Ditto	Extra Asst. Supdt., 6th grade, attached to No. 8 l'arty, Rev. Survey Ditto, 5th grade, ditto. Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev. Survey	1st Nov. 1897		 •••
	Privilege leave for 1	month, Jrom 1s	# May 1898.	

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

Station.	Substantive Appointment.	Date.	Officiating Appoint-	Date.
NW. Provinces	Proby. Asst. Surveyor, 3rd grade, attached to No. 5			·
Ditto .	Party, Cadl. Survey Asst. Surveyor, 3rd grade,	lst Nov. 1887	*****	***
	ditto .	1st Nov. 1888.	,	•••
	Leave on medical certificate j	for 1 month, fron	n 18th April 1890.	
NW. Provinces	Asst. Surveyor, 2nd grade, attached to No. 5 Party,			
Ditto .	Cadl. Survey . Sub-Asst. Supdt., 2nd grade,	13th May 1891	·	14.0
Ditto .	ditto Ditto, ditto, attached to Garhwal Detacht.,	18th Apl. 1892	······	***
Lower Burma	Cadl. Survey Ditto, ditto, attached to No. 7 Party,	1st June 1893	•••••	• •
Ditto .	Cadl. Survey	1st Apl. 1894	114.11	•••
Ditto .	Officer, Rangoon Municipality Ditto, ditto, attached to No. 7 Party, Cadl.	11th May 1895		•••
	Survey	1st Dec. 1896		
	Privilege leave for 3 :		h śune 1897.	
NW. Trovs.	attached to Nos. 2 Bud S	i		
NW. Prov	Parties, Rev. Survey Ditto, dirto, on depu-	16th Sept. 1897	*****	41.0
ine 3.	tation, Settlement Department Sub-Asst. Supdt., 1st grade,	l i	***,	
B	ditto	18th Jan. 1898	141 113	114
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Newland, Walter.—Joined the service, 11th September 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. SubAsst. Supdt., 3rd grade, attached to No. 3			
Ditto .	Party, Cadl. Survey SubAsst. Supdt., 3rd grade,	11th Sept. 1893	•••••	•••
Ditto .	ditto SubAsst. Supdt., 2nd grade,	11th Sept. 1894	•••••	•••
p_{a}	ditto	26th Nov. 1895		

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Naini Tal . Central Provinces and	Surveyor, attached to Forest Survey Department Proby. Asst. Surveyor, 3rd	16th Dec. 1888	******	***
Bashahr (Punjab) and Assam.		12th Dec. 1889		***
Assam, C. P., and Bashahr	Asst. Surveyor, 3rd grade, ditto	12th Dec. 1890	******	110
Ditto Central Provinces and Upper Bur-	Ditto, 2nd grade, ditto	6th Dec. 1892	•••••	***
ma	Sub-Asst. Supdt. 2nd grade, ditto	18th Aug. 1892		104
Provinces .	SubAsst. Supdt., 3rd grade (reorganisation), ditto .	23rd Mny 1893	******	144
Ditto .	Sub-Asst. Supdt., 2nd grade,	25th Nov. 1893		•••
Ditto .	Ditto, 1st grade, ditt .	13th Apl. 1898	****	***

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

Station.		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bombay	•	Asst. Surveyor, 4th grade, attached to Gujarat Party, Topl. Survey	12th Oct. 1874		
Ditto		Ditto, 3rd grade, ditto		•••••	***
Ditto		Ditto, 2nd grade, ditto .		•••••	•••
Ditto	:	Ditto, 1st grade, ditto .			•••
Ditto	•	Ditto, ditto, attached to No. 17 Party, Topl. (Forest)	204 13 pr. 2007		***
		Survey	1st Oct. 1888		•••
Ditto		Sub. Asst. Supdt., 1st grade,		""	•••
_ 3333	•	ditto	18th Aug. 1892		
Ditto		Extra Asst. Supdt., 6th grade,			•••
	-	ditto .	27th Mar. 1895	l	

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

Ditto	for 1 month, fr	rom 15th Octo	ber 189 7 .		
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Norman, Sydney Frederick.—Joined the service, 1st September 1874.

Station		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bomba y		Asst. Surveyor, 4th grade, at- tached to Gujarat Party,			
		Topl. Survey	1st Sept. 1874	******	***
Ditto		Ditto, 3rd grade, ditto .			•••
Ditto		Ditto, 2nd grade, ditto			•••
Ditto	•	Ditto, 1st grade, ditto .	1st Apl. 1887		***
Ditto	•	Ditto, ditto, attached to No. 17 Party, Topl.	_		
		Survey	1st Oct. 1888		***
Ditlo	•	Sub-Asst. Supdt, 1st grade, ditto	18th Aug, 1892	*** ***	
Ditto	•	Extra Asst. Supdt., 6th grade, ditto .	7th Aug. 1894		***
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O'Donel, Conel Angus. - Joined the service, 10th December 1896.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Lower Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 20 Party, Topl. (Forest) Sur-			
NW. Provs.	vey	10th Dec. 1896		***
Ditto	Survey Sub-Asst. Supdt., 3rd grade,	1st Nov. 1897	•••••	***
	ditto	10th Dec. 1897	•••••	***

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

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date.
Bengal .	Proby. Asst. Surveyor, attached to 5th Divn. Rev. Survey	1st Oct. 1863	******	
Ditto .	Asst. Surveyor, 3rd grade,	1st Oct. 1866		
Oudh	Ditto, 2nd grade, attached to 3rd Divu., Rev.			•••
NW. Pro-	Survey	1st Oct. 1869	•••••	•••
Vinces	Ditto, 1st grade, at-			ļ
V211000 .	tached to 3rd Divn., Cadl.			
	Survey	1st Oct. 1872	*****	•••
Ditto .	Ditto, ditto .		Surveyor, 4th grade .	1st Nov. 1878.
Ditto .	Ditto, ditto, attached to	1141 D. 1070		
Bengal .	6th Divn., Cadl. Survey . Ditto, ditto, on	11th Dec. 1878	******	
- ongui	special duty, Midnapur Sur-			
	vey	1st Jan. 1879	•••••	
Ditto .	Ditto, ditto .		Surveyor, 4th grade .	22nd Feb. 1879.
N.W. Pro-	Ditta ditta at			
vinces .	Ditto, ditto, at- tached to 6th Divn., Cadl.			
	Survey	21st Mar. 1879	Ditto ditto .	21st Mar. 1879.
Ditto	Surveyor, 4th grade, ditto .	22nd Oct. 1879		•••
Lower Burma	Ditto, ditto, at-			
	tached to No. 8 Party, Cadl. Survey	1st July 1880		•••
Calcutta	Ditto, ditto, at-	180 0 ary 1000		***
	tached to Head-Quarters			
	Office	1st April 1882	******	•••
Ditto .	Ditto, ditto, and	07 4 4		
Assam	Draftsman, ditto . Ditto. at-	21st April 1882	*** ***	***
	tached to 6th Divn., Cadl.	ļ	i	
	Survey	29th Oct. 1883	*** ***	•.•
Ditto .	Ditto, 8rd grade, ditto .	24th Nov. 1888	•••••	•••

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Assum	•	Extra Asst. Supdt., 3rd grade, in charge, No. 6 Party, Cadl. Survey Ditto, ditto attached to ditto	18th Aug. 1892		
	s pl	aced at the disposal of the Assan	•	******	(afternoon).
∆ ssam Ditto	_	Extra Asst. Supdt., 4th grade, (reorganization), on deputation	23rd May 1893	******	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Proby. Asst. Surveyor, 3rd grade, attached to Head-Quar-			
Dist	ters Office	23rd Nov. 1891	100 499	•••
Ditto . Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, ditto.	18th Aug. 1892	136./11	***
Oppor Dunia	attached to No. 3 Party,	28th Oct. 1892		
Ditto .	Sub-Asst. Supdt., 3rd grade,		******	424
Ditto .	ditto . Ditto, ditto 2nd grade,	23rd Nov. 1892	1+++++	144
	ditto .	25th Oct. 1895	1	•••
	Privilege leave for 3 m	onths, from 10th	h August 1897.	
NW. Provs. and Oudb.	Sub-Asst. Supdt., 2nd grade, attached to Nos. 2 and 8			
	Parties, Rev. Survey	10th Nov. 1897	•••••	***
	<u> </u>		<u> </u>	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Pro- vinces.	Proby. Asst. Surveyor, 3rd grade, attached to 4th Divi-			
Bombay .	sion, Rev. Survey Ditto, ditto, attached	18th Nov. 1870	******	***
, ,	to 2nd Division, Rev. Survey	Nov. 1872	••••	***

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment	Date.
Bengal .	Proby. Asst. Surveyor, 3rd			
	grade, attached to 3rd Divi-			
	sion, Rev. Survey	31st Dec. 1872		•••
Ditto . : Chota Nagpur	Ditto, 3rd grade, ditto . Ditto, ditto, attached	8th July 1874	******	,
•.	to Cadl. Survey	Nov. 1877		,,,
Burma	Ditto, ditto, ditto	30th Nov. 1878		•••
Ditto .	Ditto, 2nd grade, ditto .	17th Dec. 1880		
Ditto .	Ditto, 1st grade, ditto	17th July 1883		•••
Central Pro-	Ditto, ditto, on deputa-		1	
vinces,	tion, Settlement Department	1st Oct. 1885		•••
Ditto .	Surveyor, 4th grade, ditto .	8th May 1892		***
Ditto .	Extra Asst. Supdt., 4th grade,	\		
-	ditto	18th Aug. 1892	}	***
Ditto .	Ditto, 6th grade (reorga-		1	
	nisation) ditto .	23rd May 1893		110
Calcutta .	Ditto, ditto, attached	_		
	to Head Quarters Office .	12th Nov. 1894		•••
NW. Provin-	Ditto, ditto, attached			
ces.	to NW. P. and Oudh De-			
	tachment	1st Dec. 1894		
Ditto .	Ditto, 5th grade, ditto .	27th Mar. 1895) 	
	Privilege leave for			
	· ·			
NW. Provin-	Extra Asst. Supdt., 5th grade,	1	ĺ	
ces.	attached to No. 2 Party,		l i	
	Rev. Survey	1st Oct. 1895		***
		3.0W 1 C	0/7 35 1000	
	Privilege leave for 2 month	s and 27 days, J	rom oth May 1390.	
Calcutta .	Extra Asst. Supdt., 5th grade,			
	attached to Head-Quarters		1	
	Office	23rd Oct. 1896		•••
Siml a .	Ditto, ditto, attached to			•••
	No. 18 Party (Himalaya) .	4th Jan 1898		
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Penrose, William Henry.-Joined the service, 11th August 1869.

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Assam .	. Asst. Surveyor, 3rd grade, attached to 2nd Division or No. 11 Party, Topl. Rev.	4th June 1873		
Ditto	Survey	401 2000 1073	*****	•••
Burma .	Ditto, ditto, attached to No. 8 Party, Cadl.	1st Jan. 1878		
	Survey	1st Nov. 1881	ļ	
	Leave on medical certificate, fro	om 22nd October	to 28th November 1883	.
Burms .	Asst. Surveyor, 2nd grade, attached to No. 7 Party, Topl. Survey.	1st Dec. 1884	•••	
	Leave on medical certificate, from	m 3rd August 18	86 to 2nd February 18	87.
Calcutta	. Asst. Surveyor, 2nd grade, attached to Head-Quarters			1
Burma .	Office Ditto, ditto, attached to No. 20 Party, Topl.	3rd Feb. 1887	140 ****	·••
Ditto .	Survey	1st June 1887	•••••	•••
Calcutta	ditto Ditto, ditto, attach-	1st June 1888	*****	•••
Bengal	ed to Head-Quarters Office . Ditto, ditto, attached to No. 4 Party (Western	1st Nov. 1889		
Ditto .	Duars), Cadl. Survey Sub-Asst. Supdt., 1st grade,	1st June 1891	*****	
Calcutta	ditto. Ditto, ditto, attach-	18th Aug. 1892	*****	
Ditto .	ed to Head-Quarters Office . Extra Asst. Supdt., 6th grade,	1st Nov. 1892	*****	•••
_	attached to Head-Quarters Office	23rd May 1893	******	•••
Assam .	ed to No. 6 Party, Cadl. Sur-	711 7 1000		
Ditto .	Ditto, ditto	5th June 1893	In temporary charge, No. 6 Party, Cadl.	•••
Ditto .	. Ditto, ditto, ditto.	3rd Nov. 1895	Survey	23rd Apl. 1895.
Ditto .	Ditto, 5th grade, ditto	26th Nov. 1895	*****	***
Ditto	Ditto, ditto .	•••	In temporary charge No. 6 Party, Cadl. Survey	2nd May 1897.
Ditto	. Ditto, ditto	25th Aug. 1897	Sairtly	Ziiu may 10000

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Provinces . Ditto . Ditto . Raluchistan .	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 14 Party, Topl. (Forest) Survey Sub-Asst. Supdt., 3rd grade, ditto Ditto ditto, 2nd grade, ditto Ditto ditto, attached to No. 15 Party, Topl. Survey.	1st Nov. 1895 1st Nov. 1896 5th Feb. 1897 1st Oct. 1897		***

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment,	Date.
Dehra Dun . NW. Provinces .	Proby. SubAsst. Supdt., 3rd grade, attached to Trigl. Branch Office Ditto, ditto, attached	15th Oct. 1895		***
Ditto	to No. 2 Party, Rev. Survey	17th Nov. 1895	*****	400
Ditto Ditto	ditto . Ditto, 2nd grade, ditto Ditto, ditto, attached	15th Oct. 1896 21st Mar. 1897		***
Calcutta .	to Nos. 2 and 8 Parties, Rev. Survey Ditto, ditto, attached	1st Nov. 1897 10th May 1898		•••
	to Head-Quarters Office .	Tota May 1000	******	***
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Pocock, Lovell Jeremiah.—Joined the service, 10th July 1863.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Central Pro- vinces .	Sub-Asst. Surveyor, 3rd class, attached to Jubbulpore Meridional Series (Great			
Ditto .	Trigl. Survey) Ditto, 2nd class, ditto .	10th July 1863 1st Aug. 1865	•••••	
	Leave on medical certificate,			•••
Mussooree .	Sub-Asst. Surveyor, 2nd class, attached to Kumaon and			
50.00	Garhwal Topl. Survey	18th Oct. 1867	******	
Ditto . Ditto .	Ditto, 2nd grade, ditto . Asst. Surveyor, 1st grade, ditto	1st Sept. 1868 1st April 1871		••• ••
Ditto .	Surveyor, 4th grade, ditto	1st July 1874	*** ***	
l'angalore .	Ditto, ditto, attached	100 0 41.3	******	
Ū	to No. 8 Party, Topl. Survey.	1st Oct. 1875	******	
Ditto .	Ditto, ditto	•••	Attached to P. W. D.,	
Dame	Ditta ditta attached	ł	on Famine Relief	
Burma	Ditto, ditto, attached to Eastern Frontier Series		Work (for one year)	November 1877.
	(Great Trigl. Survey)	1st Oct. 1880	•	ĺ .
Mysore .	Ditto ditto, attached			"
	to No. 8 Party, Topl. Survey	8th April 1882	}	***
Ditto :	Surveyor, 3rd grade, ditto .	1st Nov. 1883		•••
Mirzapur and Hoshanga-				
bad .	Ditto, ditto, attached			
,	to No. 14 Farty, Topl.			1
	(Forest) Survey	16th July 1885	***	
Debra Dun .	Ditto ditto, attached			1
D'44 -	to the Trigl. Survey Office	1st Oct. 1889	*****	•••
Ditto . Calcutta .	Ditto, 2nd grade, ditto . Ditto, ditto and	25th April 1891	*****	""
Carcuita .	Head Draftsman, Head-Quar-			
	ters Office	30th July 1892	*****	,
Ditto .	Extra Asst. Supdt., 2nd grade,		10	
20.11		18th Aug. 1892	() ((T) (() () () () () () ()	
Ditto .	Ditto, ditto	•••	Chief Draftsman, Head-	1141, 4 11193
Ditto .	Ditto, 3rd grade (reorga-		Quart is Office .	11th April 1893.
D 1000 .	nisation) ditto .	23rd May 1893	Ditto ditto	
Ditto .		6th July 1893	***	,
	Privilege leave for 3 :	months, from 15t	h July 1893.	
Calcutta .	Extra Asst. Supdt., 3rd grade,		·	!
	and Chief Draftsman, Head-			•
	Quarters Office	1st April 1894	*****	•••
Ditto .	Ditto, 1st grade (super-	1-4-411 1000		
!	numerary) ditto .	let April 1896	11.38	•••
	Privilege leave for 3	months, from 17	th May 1897.	
Simle	Extra Asst. Supdt., 1st grade			
ļ	(supernumerary), attached to	17th Aug. 1897		•••
Ditto .	No. 18 Party (Himalaya) . Ditto. ditto.	Aug. 1097	In temporary charge,	
Ditto .	Divio, divio, divio	•••	No. 18 Party	
			(Himalaya)	20th Apg. 1897.
Ditto .	Ditto, ditto, ditto .	1st Nov. 1897	7- Announce chares	111
Ditto .	Ditto, ditto ditto	•••	In temporary charge, No. 18 Party,	,
			Himalaya	17th Nov. 1897.
		1		
l				

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

Station.	Substantive Appointment.	Date.	Officiating Appoint-	Date.
Bangalore .	Asst. Surveyor, 4th grade, attached to Meridl. and Longl.			
	Series, G. T. Survey	29th Oct. 1866	*****	•••
Ditto and				1
Tinnevelly . Ditto and	Ditto, 3rd grade, ditto .	Feb. 1869	******	***
Tanjore . Ditto and	Ditto, 2nd grade, ditto .	1st July 1873	*****	
South Arcot Ditto,	Ditto, 1st grade, ditto .	1st Oct. 1874	******	***
Moulmein and Mergui	Ditto, ditto attached to			
	Eastern Frontier Survey		1	
M	Party, G. T. Survey	Nov. 1880	111111	•••
Mussoorie and ditto ditto	Ditto, ditto		In temporary charge,	
			Eastern Frontier Survey Party, G. T.	
Ditto ditto .	Ditto, ditto, attached to	}	Survey	March 1882.
	Eastern Frontier Survey			
Mussoorie and	Party, G. T. Survey	May 1882	*****	•••
Cuttack .	Ditto ditto, attached to			
	Secondary Triangulation Survey Party	Oct. 1882	•••••	
Ditto and		•	S	44 0 4 3000
Berliam pore Ditto and	Ditto, ditto	*****	Surveyor, 4th grade .	4th Sept. 1883.
Vizagnpatam	Surveyor, 4th grade, attached to			
- -	Secondary Triangulation			
Ditto and	Survey Party	10th Nov. 1884	*****	•••
Mirzapore .	Ditto, ditto, attached to			
	Mirzapore Topl. Survey .	J ane 1885	******	•••
Simla and				1
Himalnya.	No. 18 Party, Topl. Survey.	1st Nov. 1887		
Ditto .	Ditto, 3rd grade, ditto.	lst Apl. 1892	*****	
Ditto .	Extra Asst. Supdt., 3rd grade,	-		ļ
Ditto	ditto	18th Aug. 1892	*****	
Dicto .	Ditto, 5th grade (reorga- nisation) ditto	23rd May 1893		
Ditto .	Ditto, ditto, ditto .	*****	In temporary charge,	
	,		No. 18 Party, Topl.	octh Sant 1804
Ditto	Ditto. 4th grade, ditto .	27th Mar. 1895	Survey Ditto ditt	26th Sept. 1894.
Ditto	Ditto, 4th grade, ditto . Ditto, ditto, ditto .	2nd July 1895		
Ditto .	Ditto, ditto, ditto .	*****	Ditto dit to.	15th Jan. 1896.
Ditto		12th Nov. 1896	In temporary charge,	***
***************************************	Ditto, ditto, ditto .	•••	No. 18 Party, Topl.	
			Survey	6th Aug. 1897.
Ditto .	Ditto, ditto, ditto .	20th Aug. 1897	*** ***	•••
			;	
			'	
	<u> </u>	<u> </u>		

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ajmere.	Proby. Asst. Surveyor, 3rd grade, attached to Rev.			
NW. P.	Survey Detachment Ditto, ditto, attached to No. 5 Party, Cadl.	23rd Sept. 1886		***
Ditto	Survey	1st Nov. 1886		e4s
	Survey	1st May 1887		***
Ditto Bengal	Asst. Surveyor, 3rd grade, ditto Ditto, ditto, attached to Burdwan Raj Cadl. Sur-	23rd Sept. 1887	******	•••
	vey	20th Dec. 1887		***
	Privilege leave for t	3 months, from 1s	st July 1889.	
Lower Burm	Asst. Surveyor, 3rd grade,	1		
	attached to No. 7 Party, Cadl. Survey	20th Mar. 1890		
Ditto	Ditto, 2nd grade, ditto .	5th May 1890		•••
Ditto	. Sub-Asst. Supdt., 2nd grade,	1041 4 1009		
	Privilege leave for 2 months	18th Aug. 1892 and 10 days, fro	,	•••
- 111 -	-			
NW. P.	Sub-Asst. Supdt., 2nd grade, attached to No. 2 Party,			
	Rev. Survey	13th Oct. 1895	*****	•••
Ditto	Ditto, 1st grade, ditto	27th Oct. 1895	*****	***
Ditto	Ditto, ditto, on depu-	Ì		
	tation to Settlement Department	3rd Oct. 1896		•••
	Privilege leave for 1 month a	'	1st September 1897.	
	1	ı	- 	
	<u></u>	<u> </u>	<u> </u>	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma Ditto .	Office Asst., attached to No. 3 Party Proby. Asst. Surveyor, 3rd grade, attached to No. 3 Party, Cadl. Survey	1st Jan. 1890	,	400
	Party, Cadl. Survey	22nd Nov. 1891	*** **	***

Station.	Substantive Appointment.	Date,	Officiating Appointment.	Date.
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3			
Ditto	Party, Cadl. Survey Sub-Asst. Supdt., 3rd grade,	18th Aug. 1892	******	•••
	ditto	22nd Nov. 1892	******	•••
Ditto .	Sub-Asst. Supdt., 2nd grade, ditto Ditto, ditto, attached	3rd May 1895	•••••	•••
21003	to Land Records Department	20th Nov. 1895		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Eastern Frontier .	Sub-Asst. Surveyor, 4th grade,			•••
Ditto	attached to Great Trigl. Survey Ditto, 3rd grade, ditto	lst Nov. 1863 lst Nov. 1865		***
Bombay	Ditto, ditto, ditto	1st Jan. 1869	******	•••
Ditto .	Asst. Surveyor, 2nd grade, ditto	1st May 1870		•••
Ditto .	Ditto, 1st grade, ditto		•••••	***
Ditto .	Surveyor, 4th grade, ditto .	1st Oct. 1874	•••••	•••
Ditto .	Ditto ditto .	•••	In charge, Bombay Party, Trigl. Survey	1878-79.
VW. Pro-	}		,, ,	
vinces .	Ditto ditto, at-			
	tached to No. 4 Party, Cadl. Survey	1st Oct. 1880		•••
Ditto .	Ditto, 3rd grade, ditto .	15th Nov. 1885		•••
Calcutta	Ditto, ditto, attached			
•	to Head-Quarters Office .	1st March 1889		•••
Opper Burma	Ditto, ditto, attached to No. 8 Party, Cadl. Sur-			
	vey	18th Oct. 1889	. *****	•••
Calcutta .	Ditto, ditto, attached		1	
	Head-Quarters Office .	1st Nov. 1890	*****	•••
Ditto .	Ditto, 2nd grade, ditto	8th May 1892		•••
Ditto .	Extra Asst. Supdt., 2nd grade, ditto .	18th Aug. 1892	••••	***
	Privilege leave for 7	days, from 8th (October 1892.	
Bihar	Extra Asst. Supdt., 2nd grade,	1	1	
· • •	attached to Nos. 4 and 5	1	i i	
	Parties, Cadl. Survey	15th Oct. 1892		•••
Lower Burms	Ditto, ditto, attached		1	• • •
	to No. 7 Party, Cadl. Sur-		1	•••
	vey	1st Dec. 1892		•••

Station.		Substantive Appointment.			Date.	Officiating Appointment.	Date.
Ditto Ditto Ditto Ditto Ditto Ditto	·ma	(reorgani No. 7 Pa: Ditto, Ditto, Ditto, Ditto, Ditto,	t. Supdt., 4tl sation) attarty, Cadl. Si 3rd grade ditto, ditto, 2nd grade, ditto,	ditto ditto ditto ditto ditto ditto	23rd May 1893 18th Dec. 1893 18th July 1895 2nd Sept. 1897 	In temporary charge No. 7 Party, Cadl. Survey In temporary charge, No. 7 Party, Cadl. Survey	 13th April 1895. 5th Sept. 1897.
	•	Ditto,	ditto,	ditto.	16th Dec. 1897		***
			Privilege led	ave for 9	months, from 81	d June 1898.	
						•	

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

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
	Computer, attached to Trigono- metrical Survey Office.	1st Dec. 1873		p. 1
Ditto Bombny and	Asst. Surveyor, 4th grade, ditto Ditto ditto, attach-	9th May 1874	*****	•••
Rajputana. Bombay .	ed to Jodhpur and Sind Series, G. T. Survey. Ditto ditto, attach-	1et June 1874		•••
·	ed to Kathiawar Party, Topl. Servey	31st Oct. 1878		
Pombry .	Asst. Surveyor, 3rd grade, attached to Kathiawar Farty, Topl. Survey	21st Sept. 1880		•••

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Privilege leave for 1	mont h, from 15	th June 1881.	
Bomb ay	Asst. Surveyor, 2nd grade, attached to Kathiawar Party, Topl. Survey	22nd Jany, 1883		
	Privilege leave for 17 days,	from 10th July	18 93.	•
	Ditto for 1 month a	and 14 days, fro	om 15th April 1884.	
l'oona , .	Asst. Surveyor, 2nd grade, attached to No. 1 Astro. Party Ditto ditto, attached to Tidal and Levelling	1st Nov. 1884		•••
	Party	12th Oct. 1885		J
	Privilege leave for 2	months, from 1	et May 1885.	
oona Simla	Asst. Surveyor, 1st grade, attached to Tidal and Levelling Party Ditto ditto, attached to No. 18 Party, Topl. Survey	14th May 1886 1st Nov. 1886	•••••	
	Privilege leave for 2 months	and 28 days, fro	m 2nd September 1890.	
imla . Ipper Burma	Sub-Asst. Supdt., 1st grade, attached to No. 18 Party, Topl. Survey Ditto ditto, attach-	18th Aug. 1892		
Ditto .	ed to No. 24 Party, G. T. Survey Ditto ditto ditto.	15th Sept. 1893	Extra Asst. Supdt., 6th	 24th Oct. 1893,
Ditto .		15th Nov. 1893		
	Privilege leave for 2	27 days, from 7t	h June 1894.	
oluchistan .	Extra Asst. Supdt., 6th grade, attached to No. 24 Party, G. T. Survey	Oct. 1896		

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

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date
entral Pro-				
vinces .	Proby, Aest. Surveyor, 3rd	i	ļ	
	grade, attached to No. 9	1041 11 1840	1	
3 5444	Party, Rev. Survey	19th Nov. 1890	******	•••
Ditto	Asst. Surveyor, 3rc grade, ditto	19th Nov. 1891	******	•••
Ditto .	Ditto, 2nd grade, ditto	81st Dec. 1893	*** **	***
litto .	Sub-Asst. Supdt., 2nd grade,	1	1	
	ditto	18th Aug. 1892	******	
Ditto .	Ditto, 3rd grade, (re-			
-	organisation) ditto	23rd May 1893		•••
Ditto	Ditto, 2nd grade, ditto	let Apl. 1894	******	• • •

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P. and Oudh . NW. Provinces. Ditto .	Sub-Asst. Supdt., 2nd grade attached to No. 8 Party, Rev. Survey Ditto, ditto, on deputation, Settlement Department Ditto, 1st grade, ditto	1st Dec. 1894 1st Oct. 1897 4th June 1898	•••••	

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

Station.	Substantive Appointment .	Date.	Officiating Appoint- ment.	Date.
Dehra Dun . Ditto .	Computer, attached to Computing Office Proby. Asst. Surveyor, 3rd. grade, attached to Computing	19th Aug. 1886		•••
Ditto .	Office, Trigonometrical Survey Proby. Sub-Asst. Supdt., 3rd	13th Nov. 1891		•••
Central Pro-	grade, ditto	18th Aug. 1892	•••••	•••
	Survey Sub-Asst. Supdt., 3rd grade,	1st Oct. 1892	:114:4	***
Ditto .	ditto	1st Dec. 1892		•••
Siud	ditto Ditto ditto, attached	27th Mar. 1895		•••
oing	to No. 12 Party, Topl. Survey Privilege leave for 2 month	·	rom 5th July 1897.	•••

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

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

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bom bay		Asst. Surveyor, 3rd grade,			
	•	attached to Kathiawar Topl.			
D		Survey	1st June 1867	,	***
Ditto	٠	Ditto, 2nd grade, ditto	1st Sept. 1870		•••
· Ditto Poona		Ditto, 1st grade, ditto Ditto ditto attached	1st June 1873	******	•••
i oong,	•	Ditto ditto, attached to Tidal and Levelling Party	1st March 1874		
Ditto		Surveyor, 4th grade, ditto	2nd June 1881	1	•••
Simla	•	Ditto ditto, attached	2 22		•••
	•	to Office of Qr. Mr. Genl. in)		
		India	11th Aug. 1885	l l	***
Dehra Dun		Ditto ditto, attached		!	
~		to Trigl. Survey Office .	31st Nov. 1886		••:
Ditto	•	Ditto, 3rd grade, ditto .	16th May 1889	•••••	•••
Upper Burn	18.	Ditto ditto, attached	15th Oct. 1889	1	
Ditto		to No 24 Party, Trigl. Survey Extra Asst. Supdt., 3rd grade,	1901 000 1000	. *::::	•••
Dicko	•	ditto	18th Aug. 1892		
Ditto		Ditto, 4th grade (reorgan-	1002 1105. 2002		***
	•	isation) ditt	23rd May 1893		***
		Privilege leave for 3	months, from 10t	h Julu 1893.	
T77 1					al contidente
-	ın	India for 3 months, from 24th C			ii corrigicaro.
Simla.		Extra Asst. Supdt., 4th grade,		1	
		attached to Simla Drawing	044). Top. 1904	i i	
		Office	24th Jan. 1894		•••
		Privilege leave for 34	days, from 3rd	October 1896.	
Calcutta		Extra Asst. Supdt., 4th grade,	1		
· · · · · · · · · · · · · · · · · · ·	•	attached to Head-quarters			
		Office	20th Nov. 1896		
Ditto		Ditto, 3rd grade, ditto .	12th Dec. 1896	[•••
		Privilege leave for 2 months	and 12 days, f	rom 15th May 1897.	
		Furlough to Europe for			
		1	_ , , ,	1	
				ļ	
			I		

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

Station.	Substantive Appointment.	Dute.	Officiating Appoint- ment.	Date. ·
Cherra- poonjee, Calcutta	Asst. Surveyor, 4th grade, attached to No. 6 Party, Topl. Survey	21st Aug. 1809	•••••	***

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dacca, Shillong	Asst. Surveyor, 3rd grade, attached to Northern Column, Garo Hills Expeditionary			
Ditto .	Force. Ditto. ditto, attach-	1st Oct. 1872	·	•••
Ditto .	ed to Daphla Expeditionary Force Ditto, ditto, attach-	Oct. 1874	480	•••
Ditto	ed to No. 6 Party, Topl. Survey Ditto, ditto, attach-	1875	******	
	ed to North Brahmaputra Exploration Survey	Oct. 1877	·····	
Ditto Ditto and Bengal .	Ditto, ditto Ditto, ditto, 2nd grade,	•••	Asst. Surveyor, 2nd grade.	1st Jan. 1878
Darjeeling .	ditto Ditto, ditto, attach-	13th July 1878	•	
	ed to Darjeeling Party, Trigl. and Topl. Survey. Ditto, ditto,	Oct. 1878	******	
Ditto •	Independent Sikkim Survey . Ditto, 1st grade,	Oct. 1880	*****	
 Ditto	ditto Ditto, ditto Ditto, ditto, on	1st April. 1881 1st Aug. 1883	*****	•••
<i>Ditto</i> .	deputation Boundary, Settle- ment Survey, Darjeeling	0-4 1881		
Ditto .	District	Oct. 1881	1117**	•••
Aussoorie .	Ditto, ditto on de-	let April 1882	*****	
Dehra Dun .	putation, Tea-Grants Survey Ditto, ditto, attach- ed to Trigl. Survey Office,	April 1884	*****	•••
Simla .	Dehra Dun Ditto, ditto, attach-	Oct. 1885		•••
Ditto .	ed to No. 18 Party, Topl. Survey Ditto, ditto, in charge	Oct. 1886	*****	***
Assam	Kulu and Simla Hill States, Topl. Survey Ditto, ditto, on	Dec. 1886	******	•••
Simla	deputation, Trigl. Survey . Ditto, ditto, in	Sept. 1889		•••
Ditto .	charge Kulu and Simla Hill States, Topl. Survey Ditto, ditto	Mar. 1890	Surveyor, 4th grade .	 25th June 1891
Ditto .	Surveyor, 4th grade, ditto Extra Asst. Supdt., 4th grade,	5th Jan. 1892	44***	***
Ditto .	attached to No. 18 Party, Topl. Survey	18th Aug. 1892	******	•••
	organisation) ditto Privilege leave for 1 month	23rd May 1893 and 24 days, fr	 com 11th June 1894.	***
Simla	Extra Asst. Supdt., 5th grade,	، روسه عد سدد ا	· · · · · · · · · · · · · · · · · · ·	•
•	attached to No. 18 Party, Topl. Survey	6th July 1894	*** 1.5*	1111

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Upper Burma	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadl. Survey	15th Oct. 1895		***
	Leave on medical certificate,	from 13th July	to 31st August 1896.	
Jpper Burma.	Sub-Asst. Supdt., 3rd grade, attached to No. 3 Party, Cadl.		1	
. •	Survey	15th Oct. 1896	*****	•••

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Oudh .	Proby. Asst. Surveyor, 4th grade, attached to 2nd Divn., Rev. Survey	 19th Jan. 1867		
Ditto	Asst. Surveyor, 3rd grade, ditto	1st May 1870		
N.W. Prov.	Ditto ditto, attached		ĺ	
	to 5th Divn., Cadl. Survey .	1st Oct. 1870	/**	
Ditto .	Ditto, 2nd grade, ditto .	1st May 1873		***
Orissa .	Ditto, ditto, attached to Cuttack Cadl. Survey .	1st Dec. 1877		
Ditto .	Ditto ditto attached to 7th Divn., Khorda Cadl. Survey	31st Mar. 1880		
Burma .	Ditto, ditto, attached		j	
	to No. 7 Party, Cadl. Survey	31st Oct. 1880	•••••	•••
Ditto .	D1000, 200 B1000, 0000	22nd Nov. 1880		
Central Prov-	Ditto ditto, attached		J	
inces. Ditto	to No. 3 Party, Rev. Survey	1st Oct. 1885		
Ditto .	to No. 2 Party, Cadl. Survey Ditto ditto, on depu-	31st Dec. 1885	******	•••
Ditto .	tation, Settlement Dept. Ditto ditto	8th Dec. 1887	Surveyor, 4th grade .	 12th Nov. 1888.
Ditto	Surveyor, 4th grade, ditto .	13th May 1889	•••••	•••
Ditto	Extra Asst. Supdt., 6th grade,			
_	l ditto	18th Aug. 1892	*****	***
Ditto .	Ditto, 5th grade, ditto	23rd May 1893		•••
Ditto .	Ditto, ditto (seconded)	27th Oct. 1895		***
Dicto .	Ditto, 4th grade, (seconded),	14th Dec. 1897	••••	***
,				

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Calcutta . Gujarat .	Proby. Asst. Surveyor, 3rd grade, Head-Quarters Office . Ditto, ditto, attached	24th Apl. 1884	••••	
	to No. 10 Party, Topl. Survey	lst Oct. 1894	•••••	***
Ditto .	Asst. Surveyor, 3rd grade, ditto	24th Apl. 1885	******	•••
Bombay .	Ditto, ditto, attached to No. 17 Party, Forest Topl. Survey	20th Feb. 1888	141144	•••
	Privilege leave for 2	months, from 26	lh June 1888.	
Bombay . Central Provinces .	Asst. Surveyor, 2nd grade, attached to No. 17 Party, Forest Topl. Survey Ditto, ditto, attached to No. 12 Party, Rev.	24th Nov. 1888	بر	
	Survey	•	1	•••
Lower Burma	,			
Upper Burma	tached to No. 12 Party, Rev. Survey Ditto, ditto, attached	Nov. 1889	•••••	400
	to No. 3 Party, Cadl. Survey Privilege leave for 34		October 1891	4••
 Upper Burma	Asst. Surveyor, 1st grade, attached to No. 3 Party, Cadl. Survey Sub-Asst. Supdt., 1st grade,	6th Nov. 1892		910
Ditto .		18th Aug. 1892	*****	***
Ditto .	(reorganisation), ditto. Sub-Asst. Supdt., 1st grade,	23rd May 1893		***
	·	27th Mar. 1895		•••
Upper Burma	Privilege leave for 3 at Sub-Asst. Supdt., 1st grade, attached to No. 10 Party, Topl. Survey	• •	[
	Privilege leave for	•	•	•••
		,,,		
		,)	

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

Station.	Substantive appointment.	Date.	Officiating appointment.	Date.
Leh-Ladak (Kashmir),				
Mussooree,	j			
NW. P.	Asst., attached to Meteorologi-			
	cal Dept	1st Jan, 1883	*****	•••
Dehra Dun .	land and a second	1		•••
	attached to Computing			
Central Prov-	Office	1st Jan. 1889	•••••	***
inces	Ditto. ditto			
	attached to No. 14 Party,			
	Topl. Survey	1st Oct. 1889	*****	***
Dehra Dun .	Ditto, ditto, attached to			***
D'u.	Computing Office	30th June 1890	******	***
Ditto .	Ditto, 2nd grade, ditto	13th Sep. 1892	•••	***
Divid .	Sub-Asst. Supdt., 2nd grade,	18th Aug. 1892	}	
Upper Burma	Ditto, ditto, attached to	1002 1106. 1002	• ""	•••
•	No. 11 Party, Topl. Survey .	30th Sep. 1892		•••
Ditto .	Ditto, ditto, attached to	_		
	Anglo-Siamese Boundary	1.4 D. 3000	ŧ	
Ditto	Ditto, ditto, attached to	1st Dec. 1892	*****	•••
Ditto .	No. 11 Party, Topl. Survey	1st May 1893		
Ditto .	Distr 2007 amodo		}	***
	(reorganisation), ditto .	3rd May 1893	111.00	•••
Ditto .	Ditto, 2nd grade, ditto	14th Aug. 1893	•••••	•••
	Privilege leave for 1	month, from 5th 2	August 1895.	
Jpper Burma.	Sub-Asst. Supdt., 1st grade,	1	1	
	attached to No. 11 Party,			
	Topl, Survey	1st March 1897	111.111	•••
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Shaw, Thomas.—Joined the service, 21st April 1869.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
issam .	Proby. Asst., 4th grade, attached to 2nd Division, Rev.			
	Survey	21st April 1869	*****	***
Ditto .	Asst. Surveyor, 3rd grade, ditto	1st May 1873	*****	
NW. P.	Ditto, ditto, attached to 4th Division, Cadl. Survey	1et Dec. 1872		•••
	Privilege leave for 2 n	nonths, from 21s	t March 1874.	
Bengal	. Asst. Surveyor, 3rd grade, at-			
	(Western Sonne Irrigation). Cadl, Survey	1st Oct. 1874	******	***
Fito .	Ditto, 2nd grade, ditto	let Jan. 1878		***

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
	Privilege leave for 3 m	 onth s, from 1st	 : August 1878.	
Assam	Asst. Surveyor, 2nd grade, attached to 8th Division	1.4.37 1050		
Ditto .	(Cachar), Cadl. Survey. Ditto, ditto, on deputation, Garo Hills Boundary	Ist Nov. 1878		
Ditto	Survey	1st Mar. 1879	******	
Ditto .	Survey Ditto, ditto, attached	1st June 1879	141 ***	• .
NW. P	to No. 6 Party, Topl. Survey Ditto, ditto, attached to No. 5 Party, Rev. and	1st Nov. 1879	144	
	Cadl. Survey	1st Nov. 1880	•••	
Ditto	Ditto, let grade, ditto Ditto, ditto, attached	lst Aug. 1881	100 000	
	to No. 8 Party Cadl. Survey	1st Jan. 1886	121.000	
engal Ditto	Ditto, ditto, ditto . Ditto, ditto, attached to	1st Dec. 1886	******	
Ditto	No. 4-A, Cadl. Survey Ditto, ditto, in charge Burdwan Detachment, Cadl.	18th Oct 1888	131	•••
Ditto,	Survey	18th Oct. 1889	Surveyor, 4th grade .	30th Oct. 1891
	Surveyor, 4th grade, ditto	17th Mar. 1892		
	Privilege leave for 3	months, from 24	th June 1892.	
alcutta ,	Surveyor, 4th grade, attached to Head-Quarters Office	1st July 1892	••••	
Ditto .	Extra Asst. Supdt., 4th grade, ditto	18th Aug. 1892	******	
engal .	Ditto, ditto, in charge Burdwan Detachment, Cadl. Survey	14th Oct. 1892		
Ditto .	Ditto, ditto, attached to No. 2 Party, Cadl. Survey .	1st Dec. 1892		
Ditto.	Ditto, 6th grade (reorganisa- tion), ditto Ditto, ditto, attached to	23rd May 1893	*** ***	***
_ 1.02.0	Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893	******	•••
Inleutta .	Ditto, ditto, attached to Head-Quarters Office	1st Jan. 1896	85***	
Ditto.	Extra Asst. Supdt., 5th grade, ditto	13th Oct. 1896	*****	•••
D 1000.	Ditto, ditto, and Draftsman attached to Head-Quarters Office	5th Feb. 1897	*****	•••
	Privilege leave, from	12th March to 12	2th April 1897.	•
Inloutts .	Extra Asst. Supdt., 5th grade, and Head Draftsman, Head-	1-4 94 1907		
Privilege lea	Quarters Office) we for 1 month and 2 days from	1st Sept. 1897 13th December 18 1898.	397; re-called to duty.	i 15th January
	Extra Asst. Supdt., 5th grade,		;	1
Oudh,	attached to Nos. 2 and 8 Parties, Rev. Survey	18th Jan. 1898		١

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Madras	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 19 (Forest) Topl. Survey eave on medical certificate, from	30th Oct. 1895		
	_	100 100000000		10001
Madras Ditto Ditto	Sub-Asst. Supdt., 3rd grade, attached to No. 19 (Forest) Topl. Survey Ditto, 2nd grade, ditto Ditto, ditto, attached to Nos. 9 and 19 Parties, (Forest) Topl. Survey	25th Feb. 1897 1st Mar. 1897 1st Sept. 1897	•••••	•••
	A.			

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

Station	ı.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Dehra Du	n,	grade, attached to Trigl. Sur-	044.37		
NW. Pro	win.	vey Office	24th Nov. 1884	*****	•••
CCS .	¥ 1113+	Ditto: ditto.		1	
	•	attached to No. 5 Party, Cadl.		i	
		Survey	30th Sep. 1885		
Ditto	•	Asst. Surveyor, 3rd grade, ditto	1st Dec. 1885		•••
Ditto		Ditto, 2nd grade, ditto	24th Nov. 1888	•••	•••
Ditto	•	Ditto, ditto,	1		
		attached to Garhwal Detach-	1001	ļ.	
Ditto		ment, Cadl. Survey	lst Nov. 1891		•••
Ditto	•	SubAsst. Supdt., 2nd grade,	18th Aug, 1892		•
Ditto		Ditto, 1st grade, ditto	14th Jan. 1893		•••
Ditto	•	Ditto, 2nd grade (re-	1102 000, 2000		***
	-	organisation), ditto	23rd May 1893	*****	•••
Ditto		Ditto, ditto,	•		
		on deputation, Land Records			
		Department	30th Nov. 1894		•••
Ditto	•	Ditto, 1st grade, ditto .	27th Apl, 1895		•••
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Smart, Arthur William.—Joined the service, 1st December 1871.

attached to No. 6 Party, Rev. and Cadl. Survey . Ditto, ditto, ditto . Ditto, ditto ditto . Ditto, ditto, attached to No. 6 Party, Topl. Survey	Bihar	ched to No. 6 Party, and Cadl. Survey bitto, ditto, ditto itto, ditto, ditto bitto, ditto, attached No. 6 Party, Topl. Sur- beave on medical certificate Surveyor, 3rd grade, in rge Detachment Rev. vey bitto, 2nd grade, ditto bitto, ditto, attached No. 7 Party, Cadl. vey bitto, let grade, bitto, let grade, ditto let grade, ditto	1st Oct. 1875 1st Oct. 1877 1st Jan. 1878 1st Dec. 1879 6 for 3 months, j 1st Oct. 1880 1st April 1881	from 8th July 1880.	
thar . Ditto, ditto, ditto Ditto . Ditto, ditto Ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto . Ditto, ditto, attached to No. 6 Party, Topl. Survey	Bihar	sitto, ditto, ditto itto, ditto itto, ditto itto, ditto itto, ditto itto, ditto, attached No. 6 Party, Topl. Sur- iteave on medical certificat is Surveyor, 3rd grade, in rge Detachment Rev. vey itto, 2nd grade, ditto itto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto let grade, ditto	1st Oct. 1875 1st Oct. 1877 1st Jan. 1878 1st Dec. 1879 6 for 3 months, j 1st Oct. 1880 1st April 1881	from 8th July 1880.	
Ditto Ditto, ditto Ditto, ditto Ditto, ditto ditto Ditto, ditto ditto Ditto, ditto, attached to No. 6 Party, Topl. Survey Ditto Ditto, ditto, ditto Ditto, ditto, ditto Ditto, ditto, ditto Ditto, ditto, ditto Ditto, ditto, ditto, ditto Ditto, d	Ditto	itto, ditto itto, ditto itto, ditto ditto, ditto, attached No. 6 Party, Topl. Sur- leave on medical certificat Surveyor, 3rd grade, in rge Detachment Rev. vey Ditto, 2nd grade, ditto Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto	1st Oct. 1877 1st Jan. 1878 1st Dec. 1879 6 for 3 months, j 1st Oct. 1880 1st April 1881	from 8th July 1880.	
Ditto Ditto, 3rd grade, ditto 1st Jan. 1878 1st Jan. 1879 1st Ja	Ditto D to vey. Lasam . Asst cha Sur Ditto . D to Sur Ditto . D to Sur Ditto . D to Sur Ditto . D to Sur Lo Sur Ditto . L to Sur Ditto . Extr Bihar . I to Cac Cac Cac	ditto, ditto, attached No. 6 Party, Topl. Surveyor, 3rd grade, in rge Detachment Rev. 2nd grade, ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto, let grade, ditto, let grade, ditto, let grade, ditto, let grade, ditto	1st Jan. 1878 1st Dec. 1879 6 for 3 months, j 1st Oct. 1880 1st April 1881	from 8th July 1880.	
Ditto, ditto, attached to No. 6 Party, Topl. Survey	Lasam	ditto ditto, ditto, attached No. 6 Party, Topl. Sur- leave on medical certificate Surveyor, 3rd grade, in rge Detachment Rev. vey Ditto, 2nd grade, ditto Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto	1st Dec. 1879 s for 3 months, j 1st Oct. 1880 1st April 1881	from 8th July 1880.	
Ditto, ditto, attached to No. 6 Party, Topl. Survey 1st Dec. 1879 1st Oct. 1880 1st Oct. 1880 1st April 1881 1st Apr	Ditto	itto, ditto, attached No. 6 Party, Topl. Sur- leave on medical certificate. Surveyor, 3rd grade, in rge Detachment Rev. vey Ditto, 2nd grade, ditto Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto	1st Dec. 1879 s for 3 months, j 1st Oct. 1880 1st April 1881	from 8th July 1880.	
Vey.	Vey. Lassam	Eave on medical certificates. Surveyor, 3rd grade, in rge Detachment Rev. vey Ditto, 2nd grade, ditto Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto Otto, let grade, ditto	1st Oct. 1880 1st April 1881	from 8th July 1880	
Asst. Surveyor, 3rd grade, in charge	Ditto	Surveyor, 3rd grade, in rge Detachment Rev. vey Ditto, 2nd grade, ditto Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto	1st Oct. 1880 1st April 1881	from 8th July 1880	
Charge Detachment Rev. Survey	Ditto	rge Detachment Rev. vey Ditto, 2nd grade, ditto. Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, 1st grade, ditto	1st April 1881		
Ditto Ditto, 2nd grade, ditto	Ditto	Ditto, 2nd grade, ditto. Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto	1st April 1881		
ditto	Ditto	Ditto, ditto, attached No. 7 Party, Cadl. vey Ditto, let grade, ditto	-		
Ditto . Ditto, 1st grade, ditto . Ditto, ditto, attached to No. 5 Party, Cadl. Survey Ditto, ditto, attached to No. 8 Party, Cadl. Survey Sub-Asst. Supdt., 1st grade, ditto Extra Asst. Supdt., 6th grade, ditto . Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, 5tb grade, ditto . Ditto, ditto, attached to No. 4 Party, Cadl.	Ditto	vey	1st May 1881	1	•••
ditto . Ditto, ditto, attached to No. 5 Party, Cadl. Survey Ditto, ditto, attached to No. 8 Party, Cadl. Survey Sub-Asst. Supdt., 1st grade, ditto	NW. P I to Sur Orissa	ditto .	ļ l		•••
Ditto Ditto, ditto, attached to No. 8 Party, Cadl. Survey	Orissa Sur E to Sur Ditto Extr. Bihar I to Cac L to Cac Cac		6th Oct. 1883		•••
to No. 8 Party, Cadl. Survey	Ditto Extr. Bihar I to Cac Ditto	ve y	1st Oct. 1885	1*****	•••
Ditto	Ditto Extra to Cac Ditto	No. 8 Party, Cadl.	1st Nov. 1891		***
ditto . Ditto, ditto, uttached to Nos. 2 and 8 Parties, Cadl. Survey Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	Bihar I to Cac I to Cac Cac	ditto .	18th Aug. 1892	••••	
to Nos. 2 and 8 Parties, Cadl. Survey	Ditto to Cac to Cac Cac	ditto .	23rd May 1893		•••
Ditto Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	Ditto l to Cad	Nos. 2 and 8 Parties,	1 4 0 4 1000		
Ditto . Ditto, 5tb grade, ditto . Ditto, ditto, attached to No. 4 Party, Cadl.	Cad	Ditto, ditto, attached	18t Oct. 1893		***
Ditto Ditto, 5th grade, ditto . 8th June 1896 Ditto Ditto, ditto, attached to No. 4 Party, Cadl.			1st Oct 1894		
Ditto . Ditto, ditto, attached to No. 4 Party, Cadl.	DICTO				•••
to No. 4 Party, Cadl.			Off office too	*****	•••
	to	No. 4 Party, Cadl.	1st Oct. 1896		
	to	No. 4 Party, Cadl.	1st Oct. 1896	· ••••	
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Smart, Aylmer Boddington.—Joined the service, 25th February 1885.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta .	Proby. Asst. Surveyor, 3rd grade, attached to Head-Quarters Office	25th Feb. 1885		
Bengal .	Ditto, ditto, attached to No. 8 Party,		•••••	133
Ditto .	Rev. Survey	1st Oct. 1885 25th Feb. 1886	******	107
Calcutta .	Ditto, ditto, attached to Calcutta City		······································	, park
Ditto .	Survey	5th Nov. 1886 9th May 1889	14444	
Bengal .	Ditto, ditto, attached to Burdwan Detach-		•••••	•••
Ditto .	ment, Cadl. Survey Ditto ditto	20th Feb. 1892	In temporary charge, Burdwan detach- ment	1st July 1892.
Ditto	Sub-Asst. Supdt., 2nd grade, ditto	18th Aug. 1892		
Ditto .	Ditto, ditto, attached to No. 2 Party, Cadl.		1 2,000	•••
Ditto	Survey	14th Oct. 1892 24th Mar. 1893	****	***
Ditto .	Ditto, 2nd grade, (reorganisation)	23rd May 1893	*****	•••
Ditto	Ditto, ditto, attached to Detachment, Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1893	10000	•••
Bibar .	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey	1st July 1894		
Ditto	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey.	1st Oct. 1894	•••••	
Ditto	. Ditto, 1st grade,	27th Apl. 1895	******	***
	Leave on medical certificate	for 4 months, fr	om 4th October 1895.	,
Calcutta	Sub-Asst. Supdt., 1st grade, attached to Bengal Drawing	445 Ech 1900		
Hazaribagh	Office Ditto, ditto,	4th Feb. 1896 17th Sept. 1896	•••••	•••
Calcutta	Ditto, ditto, attached to Bengal Drawing		******	***
Ditto	Office Ditto, ditto (seconded), and Draftsman, Additional Establishment, Head-Quarters	16th Nov. 1896		***
Ditto	Office	5th Feb. 1897	In temporary charge, Bengal Drawing Office	 12th Feb. 1897.

Privilege leave for 1 month, from 14th May 1897.

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P.	Asst. employed in temporary Establishment No. 5 Party, Cadl. Survey	1st Dec. 1879		
Ditto .	Proby. Asst. Surveyor, 3rd grade, attached to No. 5	30th Sept. 1881	,,,,,,,	•••
	Party, Cadl. Survey .	1st Oct. 1881	*****	l . ,
Ditto .	Asst. Surveyor, 3rd grade, ditto	7th Mar. 1882	••••	•••
Ditto . Bombay .	Ditto, 2nd grade, ditto Ditto, ditto, attached to	1st Mar. 1885	•••••	•••
	No. 10 Topl. Survey	1st Oct. 1885	******	•••
Central Prov-	774 44-7-74			•
inoes .	Ditto, ditto, attached to No. 3 Party, Rev. Survey .	20th Feb. 1888		•••
Upper Burms	Ditto, ditto, attached to	0	•	
Ditto .	No. 3 Party, Cadl. Survey . Ditto, let grade, ditto	Oct. 1889 1st Mar. 1891	******	•••
Ditto .	Sub-Asst. Supdt., 1st grade,	180 MBr. 1091	******	***
Direct.	ditto	18th Aug. 1892	4.1.494	
Leave o	n medical certificate, from 21		l <u> </u>	
	Sub-Asst. Supdt, 1st grade,	l		
	"On cooly recruitment work"	2nd Sep. 1895		
Oudh	Ditto, ditto, on deputa- tion to the Settlement De-		******	***
	partment	12th Nov. 1895		•••
Ditto .	Ditto, ditto, ditto .	***	Extra Asst. Supdt.,	
D'11	F 4 - 4 - 4 Sum 34 O43 1	1	6th grade	1st July 1897.
Ditto .	Extra Asst. Supdt., 6th grade, ditto	1st Mar. 1898		•••
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Smart, Patrick Colin Henry.—Joined the service, 18th April 1878.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
futtra and Banda Dis-	Proby. Asst. Surveyor, 4th grade	18th Apl. 1878		•••
trict, NW. Provinces .	Ditto, ditto, attached to 5th Division, Cadl. Rev. Survey	18th Apl. 1878		400
Ditto .	Asst. Surveyer, 4th grade, ditto Ditto, 8rd grade	 1st Apl. 1881	*****	***

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Hooghly River Survey .	Asst. Surveyor, 3rd grade, attached to No. 6 Party, Rev. Survey	14th Aug. 1881		100
L_{ϵ}	eave on medical certificate, f	rom 8th April	to 14th September 18	83.
Calcutta .	Asst. Surveyor, 3rd grade, and Mup curator, Head-Quar-	_		
Ditto	ters Office Ditto, 2nd grade, ditto	1st Sept. 1883 1st Dec. 1883		***
Ditto. Bilaspur (Cen- tral Provin-	Ditto, 2nd grade, ditto	18t Dec. 1005		•••
ces)	Asst. Surveyor, 2nd grade, attached to No. 2 Party,	30th Sept. 1885	ĺ	
Ditto	Cadl. Rev. Survey	24th Nov. 1888		***
Tippera Dis- trict, Eastern Bengal	Ditto, ditto, attached	}		•••
Tulpaiguri Dis-	to No. 2 Party, Cadl. Rev. Survey	1st Dec. 1889		***
trict, West- ern Duars	Ditto, ditto, attached			
Ditto	to No. 4 Perty Sub-Asst. Supdt., 1st grade,	18th Aug. 1892	******	***
Champarun and Muzaf. farpur Dis- tricts (Bi-	ditto	10th Aug. 1002		***
har).	Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, ditto, attached	1st Dec. 1692	****	444
Darjeeling Te-	to Detachments of Nos. 2 and 8 Parties, Cadl. Survey.	28th Aug. 1894		414
rai.	to Nos. 2 and 8 Parties, Cadl. Survey	1st Nov. 1894		700
Calcutta .	Ditto, ditto, Bengal Drawing Office	1st Feb. 1895	•	***
Darjeeling Te- rai	Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl.	3rd Aug. 1895		
bahjahanpur District,	Survey	ord Tok. 1000	******	***
NW, P	Ditto, ditto, on deputation to Settlement De-	15th Oct. 1895		100
Ditto	partment Extra Asst. Superintendent, 6th grade, ditto	18th Oct. 1896		***
	Privilege leave for	3 months, from .	1st July 1898.	
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Smart, Robert Boddington.-Joined the service, 1st January 1864.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Calcutta .	Apprentice, attached to Head-Quarters Office	1st Jan. 1864		***
Bengal .	Ditto, attached to 1st Divn., Rev. Survey	1st June 1864	*** ***	***
Ditto .	Junior Sub-Asst. Surveyor, ditto	1st Jan. 1865	*****	
Ditto .	Sub-Asst. Surveyor, 4th grade, ditto	1st Apl. 1866	241.000	
Ditto .	Asst. Surveyor, 3rd grade, ditto	lst Jan. 1868		
Assem .	Ditto, ditto, in charge of Lakhiraj Rev. Survey	1st Dec. 1869		
Bengal .	Ditto, ditto, attached to 1st Divn., Rev. Survey	1st June 1870		
Ditto	Ditto, 2nd grade, ditto.	1st Jan. 1871	*****	•••
North-West Frontier .	Ditto, ditto, attached to 1st Divn., Rev. and Topl.		•	
T)'44 o	Survey	1st Oct. 1871	*****	
Ditto .	Ditto, 1st grade, . ditto . Ditto. ditto.	27th May 1874	*****	•••
 NW. P	detached in charge of the Settlement and Survey of Chamba State	16th Apl. 1876	•••••	***
_	attached to 5th Divn., Rev. Survey	13th Apl. 1877	*****	***
Burms Ditto .	Ditto, ditto, attached to 8th Divn. Rev., Survey . Ditto, ditto ditto .	1st Nov. 1881	Surveyor, 4th grade,	
			Rev. Survey	7th Nov. 18 82
Ditto . Bengal	Surveyor, 4th grade, ditto Ditto, ditto, attached	5th Sept. 1883	147.747	111
Calcutta .	to Mozufferpore Rev. Survey Ditto, ditto, attached	1st Oct. 1885	******	•••
Orissa	to the Town Survey . Ditto, ditto, attached to No. 8 Party, Cadl.	1st Oct. 1886		•••
Ditto .	Survey	1st Jan. 1887	*** ***	•••
Lower Burma	Surveyor, 3rd grade, ditto Ditto, ditto, attached to No. 12 Party, Cadl.	14th Aug. 1889		•••
Ditto .	Survey	1st Nov. 1890	*****	•••
Ditto .	Survey Supdt., 3rd	1st Nov. 1891	•••••	••
Bibar	grade, ditto . Ditto, ditto, attached to Nos. 4 and 5 Parties,	18th Aug. 1892	******	→ :
Ditto .	Cadl. Survey Ditto, 4th grade (reorganisa-	1st Dec. 1892	*****	•••
Ditto .	tion), ditto Ditto, ditto, attached to Nos. 2 and 8 Parties,	23rd May 1893	•••••	***
	Cadl. Survey	1st Oct. 1893	•••••	•••

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bibar	Extra Asst. Supdt., 4th grade, attached to Nos. 4 and 5			
NW. P. and	Parties, Cadl. Survey Ditto, ditto, attached			•••
Oudh .	to No. 8 Party, Rev. Survey	20th Oct. 1896		•••
Ditto . Ditto .	Ditto, 3rd grade, ditto Ditto, ditto, attached to Nos. 2 and 8 Parties, Rev.	4th Feb. 1897	•••••	•••
	Survey	1st Nov. 1897		•••

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma Ditto	Office Asst., attached to No. 2 Party, Rev. Survey Proby. Asst. Surveyor, 3rd	16th Nov. 1883	•••••	***
Assam .	grade, attached to No. 2 Party, Rev. Survey Ditto, ditto,	1st Aug. 1884		•••
	attached to No 6 Party, Cadl. Survey	1st Nov. 1884		•••
Ditto Ditto	Asst. Surveyor, 3rd grade, ditto. Ditto, 2nd grade, ditto			***
Ditto		18th Aug. 1892		***
	Furlough in India, from	15th May 189	4 to 6th March 1895.	
Calcutta	Sub-Assistant Supdt., 2nd grade, attached to Head-Quarters Office	7th Mar. 1895		•••
Ditto.	Ditto, 1st grade, ditto	27th Mar. 1895	100	***
	to No. 12 Party, Topl.	16th Oct. 1895		•••
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Stotesbury, William.—Joined the service, 4th October 1864.

Station.		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Rajputana	•	Asst. Surveyor, 4th grade, at- tached to No. 7 Party, Topl.			
		Survey	4th Oct. 1864		•••
Ditto		Ditto, 3rd grade, ditto.	1st Apl. 1868	*** ***	•••
Ditto		Ditto, 2nd grade, ditto	1871	•••••	***
Ditto		Ditto, 1st grade, ditto	1st Apl. 1874		•••
M ysore		Ditto, ditto, at-	_	*** ***	•••
D'14.		tached to No. 8 Party, Topl. Survey.	lat Oct. 1875	G 4/1 3	
Ditto	•	Ditto ditto		Surveyor, 4th grade .	1st April 1883
Ditto	٠	Surveyor, 4th grade, ditto	21st July 1883	*** ***	•••
Calcutta	٠	Ditto, ditto, and Draftsman, attached to Head-Quarters Office	24th June 1884		•••
Ditto		Ditto, 3rd grade,		1	•••
2.000	•	and ditto, ditto .	16th May 1889	*****	
Chin-Lushai		Surveyor, 3rd grade, attached	1002 12.19 2000	•	,,,
CBIE DEGGG.	•	to the Expeditionary Force,		•	
		Survey Detachment	20th Nov. 1889		
Calcutta		Ditto, ditto,	2001 21011 2000	******	•••
Carcava	•	attached to Head-Quarters			
		Office	9th May 1890		
Bombay		Ditto, ditto,	Jun may 1000	******	•••
Дошов А	•	attached to No. 10 Party,			
		Topl. Survey	4th Nov. 1890		
Ditto		Extra Asst. Supdt., 3rd grade,	401 NOV. 1050	*****	•••
Ditto	•	ditto	19th Apr 1999		
D:44 -			18th Aug. 1892	*** ***	***
Ditto	•	Ditto, 4th grade (reorgani-	99-4 Mar 1809		
C-144	,	sation), ditto	23rd May 1893	•••••	•••
Calcutta	٠	Ditto, ditto, and Head			
		Draftsman, Head-Quarters	CAL T-1- 1004		
		Office	6th July 1894	*** **	•••
		Furlough out of India, from	25th May 1895	to 16th October 1896.	ı
•••		Extra Asst. Supdt., 3rd grade	1	i	
		(on furlough)	13th Oct. 1896	0	
Calcutta		Extra Asst. Supdt., 3rd grade,	İ	}	1
		and Head Draftsman, Head-	1	l	
		Quarters Office	18th Oct. 1896		•••
Ditto		Ditto, and Chief Draftsman,		ł	
		Head-quarters Office		Į.	
		(sub. pro tem.)	17th May 1897	•••••	•••
Ditto		Ditto, ditto (coufirmed).	13th Apl, 1898		
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War Services.—Chin-Lushai Expedition, 1889-90, with Chittagong column; mentioned in despatches; services acknowledged by Government of India. Medal and clasp

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

	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Burma .	Asst. Surveyor, 4th grade, at- tached to No. 3 or Eastern			
Beugal .	Divn., Rev. Survey Ditto, ditto, stinched to No. 4 or Western Divn	17th Sep. 1868	*****	
	Rev. Survey	Mar. 1870	**- ***	l
Ditto .	Ditto, 3rd grade, ditto	1st Dec. 1871	10	
Ditto .	Ditto, 2nd grade, ditto	1st Dec. 1874	••••	
Bombay .	Ditto, ditto, attached to No. 10 Party, Topl. Survey	Oct. 1876		
Ditto .	Ditto, ditto, attached to No. 11 Party, Topl.	Oct. 1876		***
	Survey	Nov. 1879	*****	
Ditto .	Ditto, 1st grade, ditto	1st Apl. 1881		•••
Central Prov-	Ditto, ditto, attached			
inces.	to Rev. and Cadl. Surveys	15th Oct. 1883	*** .**	•••
Ditto .	Ditti, ditto, on deputa- tion, Settlement Department	1st Nov. 1885	••••	•••
Ditto .	Extra Asst. Supdt., 4th grade, ditto Ditto, 6th grade (reorgani-	18th Aug. 1892	·····	***
ĺ	sation), ditto	23rd May 1893		
Ditto .		18th Dec. 1893	*****	•••
Calcutta .	Ditto, ditto, attached			
Jpper Burma	to Head Quarters Office . Ditto, ditto, attached to No. 12 Party, Cadl.	7th Oct. 1894	*** * ***	•••
Ditto .	Survey	27th Oct. 1894	*****	•••
	Survey	1st Jan. 1895		***

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

Station.	Substantive Appointment.	Date,	Officiating Appointment.	Date.
Robilkhand . Ditto . NW. P	Aset. Surveyor, 4th grade, attached to Rev. Survey Ditto, 3rd grade, ditto Ditto, ditto,	5th Jan. 1869 5th Jun. 1872	******	•••
	nttached to No. 3 Party, Rev. and Cadl. Survey	1st Oct. 1872		***

Station.	Substantive Appointment	Date.	Officiating Appointment.	Date.
Assam .	Asst. Surveyor, 4th grade, attached to No. 6 Party, Rev.			
D'44	and Cadl. Survey	1st June 1876	•••••	***
Ditto .	Ditto, 2nd grade, ditto .		•••••	***
Ditto .	Ditto, 1st grade, ditto .	lst Apl. 1881	•••••	
Lower Burms	Ditto ditto,			•
	attached to No. 7 Party,	1445 4-1 1000		
Ditto .	Cadl. Survey	14th Apl. 1882	******	•••
	Surveyor, 4th grade, ditto . Ditto, ditto	25th Apl. 1891		•••
Upper Burma	attached to No. 12, Party,			
	Cadl. Survey	1st Nov. 1891		
Ditto .	Extra Asst. Supdt., 4th grade,	180 MOV. 1031	******	•••
Ditto .	ditto	18th Aug. 1892		
Ditto .	Ditto, 6th grade (reorgani-	1000 11002	•••••	***
21000 .	sation), ditto	23rd May 1893	l	
Ditto .	Ditto, 5th grade, ditto	18th Dec. 1893		***
Lower Burma	Ditto, ditto, attached	2002 2001 2000		***
	to No. 7 Party, Cadl.		1 1	
	Survey	18th Oct. 1895	,,,,,,,•	
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Tapsell, Charles Edward.—Joined the service, 14th December 1862.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
NW. P	Inspector of Police, attached to Agra District	14th Dec. 1862	,,,,,,	. 101
Rajputana .	Sub-Asst. Surveyor, 3rd class, attached to No. 7 Party, Topl.			•
	Survey	12th Aug. 1864	*****	***
Ditto .	Ditto, 4th grade, ditto .	1st Apl. 1866	••••	***
Ditto .	Asst. Surveyor, 3rd grade, ditto	1st Oct. 1866	*****	•••
Ditto .	Ditto, 2nd grade, ditto	1st Oct. 1869		***
Ditto .	Ditto, 1st grade, ditto	1st Oct. 1872		***
Gwalior and				
Central India	Ditto, ditto, attached to No. 1 Party, Topl. Survey	31st Oct. 1877		***
Calcutta .	Ditto, ditto, attached to Head Quarters Office	31st Aug. 1878		
Мувоге .	Ditto, ditto, attached	31st Oct. 1879	****	***
Bombay .	to No. 8 Party, Topl. Survey Ditto, ditto, attached to Gujarat Party, Topl. and	3186 Oct. 1079	******	***
Kohat	Trigl. Survey Ditto, ditto, attached	25th May 1880	•••••	***
Wonne .	to Kohat Survey Office .	16th Aug. 1881		•••

Station.		Substantive Appointment	; ,	Date.	Officiating Appoint- ment.	Date.
Bombay	•	Asst. Surveyor, 1st gra attached to Gujarat Par				
D		Topl. and Trigl. Survey	•	Oct. 1881	******	***
Ditto	• '	Surveyor, 1st grade, ditto		6th Oct. 1883	*****	
1)itto Ditto	•	Asst. Surveyor, 1st grade, d	1tto	10th Oct. 1893	Suprayon 4th grad	1
Ditto	•	Ditto, tto .	•		Surveyor, 4th grade, attached to Gujarat	
					Survey.	let March 1885.
•••		Surveyor, 4th grade, attac	bed	1		100 220,000
			ev.	ĺ	1	
		Survey		30th June 1885	•••••	
Bombay	•	Ditto, ditto,				i
		attached to Cutch Par	rty,	4 . 37	1	
		Topl, Survey	•	1st Nov. 1885	•••••	•••
Central Pro	0▼-	3574 . 3744 .				
inces	•	Ditto, ditto,	·			
		attached to Raipur R	ev.	1st Nov. 1886		
Bombay		Ditto, ditto,	•	180 1104. 1000	*** ***	***
Domony	•	attached to No. 10 Par	tv.			
	ļ	Topl. Survey	-51	1st Mar. 1888		l
Ditto		Ditto, 3rd grade, ditto		8th May 1892	*****	
Ditto	.	Extra Asst. Supdt., 3rd gra	de,			ļ
	ĺ	ditto	•	18th Aug. 1892	*****	
\mathbf{Ditto}	•]	Ditto, 5th grade, (reorge	Bui-			l
T)''	- 1	sation), ditto	٠	23rd May 1893	*****	•••
Ditto	•]	Ditto, ditto, attached to No. 17 Par	4-			
		Topl. (Forest) Survey .	υy,	13th Nov. 1893	·	
Ditto	.	Ditto, ditto, ditt	٠.		In temporary charge,	""
21000	1	2.000, 4.000, 4.00			No. 17 Party, Topl.	
					(Forest) Survey	28th Apl. 1894.
Ditto	•]	Ditto, ditto, ditt		11th May 1894		•••
Ditto	•	Ditto, ditto, ditt	۰ ۰	•••	In temporary charge,	
	- 1				No. 17 Party, Topl. (Forest) Survey	27th July 1894.
Ditto	i	Ditto, ditto, ditt	.	27th Oct. 1894	(Forest) Burvey .	
Ditto	•	Ditto, 4th grade, ditt		27th Mar. 1895	1	
Ditto		Ditto, ditto, ditto			In temporary charge,	
2	٦,	2.11.1,	٠ ١		No. 17 Party, Topl.	_
			- 1		(Forest) Survey .	25th Jan. 1896.
Ditto	•	Ditto, ditto, ditte		21st Mny 1896		•••
\mathbf{D} itto	•	Ditto, ditto, ditte	D .	***	In temporary charge,	'
	ŀ		- 1		No. 17 Party, Topl. (Forest) Survey	16th Sep. 1896.
			- 1		(Forest) Survey	1000 Sep. 20001
Ditto	.	Ditto, ditto, ditte	n .	2nd Nov. 1896		
Ditto		Ditto, 3rd grade, ditto		1st Jan. 1897		•••
Ditto		Ditto, ditto, ditte		***	In temporary charge,	
					No. 17 Party, Topl.	011 0 1007
	- 1			au T 1000	(Forest) Survey .	8th Sep. 1897.
Ditto	•	Ditto, ditto, ditto	•	6th Jan. 1898	*****	***

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Calcutta . Central India and Raj-	Apprentice, attached to Head- Quarters Office	lst Mar. 1874		•••
putana .	Asst. Surveyor, 4th grade, at- tached to No. 1 Party, Topl. Survey	12th Mar. 1878		
Ditto .	Ditto, 3rd grade, ditto .	1st Apl. 1881		***
Ditto	Ditto, 2nd grade, ditto .	21st Nov. 1883		•••
Baluchistan .	Ditto, ditto, attached to No. 15 Party, Topl.		,	,
	Survey	lst Oct. 1888		
Ditto .	Ditto, 1st grade, ditto .	1st Sep. 1890		,,,
•••	Ditto, ditto, on depu- tation, Political Department, Kalat State	lst Apl. 1891		
Baluchistan .	Ditto, ditto, attached to No. 15 Party, Topl.	_		
Ditto .	Survey . Sub-Asst. Supdt., 1st grade,	13th July 1892		***
Aden	ditto	18th Aug. 1892		4+#
Sind	Survey	15th Oct. 1893	*****	
	Rev Survey	30th Jan. 1895	, .	
1	the Baluch-Afghan-Boundary Commission	16th Oot, 1895	1	
[Ditto, ditto, ditto.	10th O0t. 1095	Extra Aest. Supdt.,	***
•••	Extra Asst. Supdt., 6th grade,	•••	6th grade	27th Oct. 1895.
	ditto	26th Nov. 1895	*** ***	
Baluchistan .	Ditto, ditto, attached to No. 15 Party, Topl. Survey	Let Inly 1806		•
	,	_		•••
	Privilege leave for 5	montes, from 4	th May 1898.	1
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Todd, Hugh.-Joined the Service, 15th July 1865.

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

Station	1.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
		Leave on medical certificate, f	rom 2nd Novemb	ber to 4th December 186	8.
Kumaon	and	/ Sub-Asst. Surveyor, 3rd grade,	1	1	1
Garhwa	Ι.	attached to Topl. Survey .	1st Sep. 1869		·
Ditto		Ditto, 2nd grade, ditto .	1et Apl. 1871	1	
Ditto		Ditto, ditto,	1	1	1
		attached to Trigl. Survey		1	
		Office	Aug. 1873		
Ditto		Ditto, 1st grade, ditto .	1st June 1874	***	
Mysore		Ditto, ditto,	i		
		attached to No. 8 Party,			[
*****		Topl. Survey	1st Oct. 1876		
Ditto	•	Ditto, ditto ditto .	011 011 101	Surveyor, 4th grade .	16th Apl. 1883.
Ditto	•	Surveyor,4th grade, ditto	6th Oct. 1883	•••••) ···
Madras	•	Ditto, ditto,		,	{
		nttached to No. 19 Party,	1043-4 3000	1	
Ditto		Topl. (Forest) Survey .	19th Aug. 1886 1st Mar. 1891	•••••	1 • •
Ditto	•	Ditto, 3rd grade, ditto .	1st Mar. 1891	*****	***
171600	•	Extra Asst. Supdt., 3rd grade,	18th Aug. 1892	l I	}
Ditto		Ditto, 4th grade (reorgani-	10th Aug. 1092	•• ···	***
Ditto	•	sation), ditto	23rd May 1893		
Ditto		Ditto, ditto, attached	Loru may 1000	******	} '''
371000	•	to Nos. 9 and 19 Parties,	•		j
		Topl. (Forest) Survey	1st Sep. 1897		.,.
Ditto		Ditto, 3rd grade, ditto .	2nd Sep. 1897		
	•	21000, 012 grano, 21000 1	2-1 Sep. 1501) ' '
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Todd, Robert.—Joined the service, 1st November 1863.

Station.	Substantive Appointment,	Date.	Officiating Appointment.	Date.
Gwalior and		•		
Central India	Sub-Asst. Surveyor, 3rd class,			
	attached to No. 1 Party,	1st Nov. 1863		•
10 - 2 - 11 4 - 11 -	Topl, Survey	TRU MOA. 1909	•••	'''
Rajputaua .	Ditto, ditto, attached to No. 7 Party, Topl.			
	Survey	18 65		
Ditto .	Ditto, 2nd class, ditto	1st May 1866	*****	
T)!	Ditto, 3rd grade, ditto	1st Mar. 1867	••••	
Ditto .	Asst. Surveyor, 2nd grade, ditto	1st Oct. 1868		
Ditto	Ditto. 1st grade, ditto	1st Oct. 1871		
Punjab .	Ditto, ditto,	250 000. 240-		
- 211,000	attached to No. 1 Party, Topl.		1	
	Survey	1st Feb. 1878		
Ditto .	Ditto, ditto		Surveyor, 4th grade .	21st Apl. 1882.
Bombay	Ditto, ditto,			
	attached to No. 11 Party,			
	Topl, Survey	1st Nov. 1882	Ditto, ditto .	
Ditto .	Surveyor, 4th grade, ditto	22nd Jan. 1883		
	Under suspension, fr	om 11th May to	6th June 1883.	

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Bombay .	Surveyor, 4th grade, attached to No. 11 Party, Topl.			=
Мувоте .	Survey	21st July 1883	•••••	•••
Madras .	to No. 8 Party, Topl. Survey Ditto, ditto,	1st Oct. 1884	••••	***
50144	attached to No. 19 Party, Topl. (Forest) Survey	19th Aug. 1886		•••
	Extra Asst. Supdt., 4th grade, ditto	14th Jan. 1893	******	•••
Ditto .		23rd May 1893		•••
	Privilege leave for 1	month, from 1	2th July 1893.	
Madras	Extra Asst. Supdt., 5th grade, attached to No. 19 Party.		1	
	Topl. (Forest) Survey .	27th Oct. 1895	1	
Ditto Ditto	Ditto, 4th grade, ditto Ditto, ditto, attached	12th Dec. 1896	••• •••	100
	to Nos. 9 and 19 Parties, Topl (Forest) Survey	1st Sep. 1897		

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

Station.		Substantive Appointment.	Date.	Officiating Appointment.	Date.
***		Aset. Surveyor, 4th grade, attached to No. 4 Extra			
Bombay		Party, G. T. Survey Ditto, 3rd grade,	12th Dec. 1868	•••••	
•		attached to G. T. Survey .	1st April 1873	•••••	
Ditte	•	Ditto, 2nd grade, ditto,	25th Nov. 1878		
Ditto	•	Ditto, 1st grade, ditto	1st April 1881	******	
Burms Ditto	•	Ditto, ditto, attached to No. 7 Farty, Topl. Survey Ditto, ditto, on deputation, Land Records Depart-	lst Nov. 1882		
		ment	1st Oct. 1889	1	
Ditto		Surveyor, 4th grade, ditto	13th May 189		
Ditto	•		18th Aug. 189	2	
Ditto		Ditto, 6th grade (reorganisation), ditto			
Ditto		Ditto, 5th grade, ditto .			

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

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Calcutta Central Pr		. 11th Oct. 1870 de,		•••
vinces	. attached to No. 3 Par Topl. Survey	ty, 1st July 1872		
Ditto	Ditto, 3rd grade, ditto	. 1st Apl. 1877		***
Bombay	Ditto, ditto, attach	red		•••
	Survey	. 1st May 1877	•••••	•••
\mathbf{Ditto}	Ditto, 2nd grade, ditto	. 1st Sep. 1881		***
Ditto	. Ditto, 1st grade, ditto	. 30th Apl. 1883	***	***
Central Pr	- 1	1		
vinces	Ditto, ditto, attached to No. 3 Party	. 1st Nov. 1885	Ì	
Lower Burn			******	***
TOMET DATE	to No. 13 Party, To			
	Survey	15th Oct. 1889	******	100
Orisea	. Ditto, ditto,			•••
	attached to No. 8 Part	ty,		
	Cadl. Survey	6th Nov. 1891	•••••	100
Ditto	. Sub-Asst. Supdt., 1st gra	de,		
Bihar	ditto	. 18th Aug. 1892	••••••	•••
Linar	Ditto, ditto, attach to Nos. 4 and 5 Part		i .	
	Cadl. Survey 1.	. 1st Oct. 1892		400
Ditto	Extra Asst. Supdt., 4th grad			•••
	ditto	. 6th Dec. 1892	*****	***
Ditto	Ditto, 6th grade (reorg		<u> </u>	
5	nisation), ditto	23rd May 1893	*****	***
Ditto	Ditto, ditto, attach	1	· ·	
	to Nos. 2 and 8 Parti	es, 1st Oct. 1893		
Ditto	Ditto, 5th grade, ditto		******	***
Sind	Ditto, ditto,			
	attached to No. 12 Par			
	Topl. Survey	. 28th Oct. 1895	*****	•••
]		
	1	1		

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

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

Ditto Ditto Ditto Ditto, ditto, attached to Singhbhum Rev. Survey Detachment (Kolhan Govt. Extate) Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, 2nd grade, ditto Ditto, 2nd grade, attached to No. 4 Party, Cadl. Survey Ditto, 3rd grade, ditto Ditto, ditto, attached to No. 4 Party, Cadl. Survey Ditto, 3rd grade, ditto Ditto, ditto, attached to Head-Quarters Office Ditto Calcutta Ditto, ditto, attached to Head-Quarters Office Ditto Cadl. Survey List Oct. 1895 List Oct. 1895 List Oct. 1896 7th Aug. 1897 List Oct. 1896 7th Aug. 1897 List Oct. 1896 The Aug. 1897 List Oct. 189	Station	n	Substantive Appointment.	Dute.	Officiating Appointment.	Date.
Bibar Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Sub-Asst. Supdt., 3rd grade, ditto Survey Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey Ditto, attached to Singhbhum Rev. Survey Detachment (Kolhan Govt. Estate) Survey Detachment (Kolhan Govt. Estate) Ist Nov. 1894 Bihar Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Survey Detachment (Kolhan Govt. Estate) Ist Nov. 1894 Bihar Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Survey Ditto, 2nd grade, ditto Survey Survey Ditto, 2nd grade, ditto Survey Surve	Western D	Duars	grade, attached to No. 4 Party,			
Ditto Parties, Cadl. Survey Sub-Asst. Supdt., 3rd grade, ditto Ditto, ditto, stached to Nos. 2 and 8 Parties, Cadl. Survey Ditto, ditto, sturched to Singhbhum Rev. Survey Detachment (Kolhan Govt. E-tate) Ditto, ditto, stached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, ditto, stached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, 2nd grade, ditto Privilege leave for 2 months, from 29th July 1896. Bihar Sub-Asst. Supdt., 2nd grade, stached to No. 4 Party, Cadl. Survey Ditto, 3rd grade, ditto Ditto, ditto, attached to Head-Quarters Office 1st Nov. 1892 Ist Dec. 1893 Ist Oct. 1893 Ist Oct. 1895 Ist Oct. 1895 Ist Oct. 1896 7th Aug. 1897 Ist Oct. 1896 The Aug. 1897 Ist Oct. 1896 Ist Oct. 1896 Ist Oct. 1896 Ist Oct. 1896 Ist Oct. 1897 Ist Oct. 1897	Bibar		Ditto, ditto,	18th Aug. 1892	•••••	•••
Bengal Ditto, ditto, attached to Nos. 2 and 8 Parties, Cadl. Survey Ditto, ditto, attached to Singhbhum Rev. Survey Detachment (Kolhan Govt. Estate) Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey Ditto, 2nd grade, ditto Privilege leave for 2 months, from 29th July 1896. Bihar Sub-Asat. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey Ditto, 3rd grade, ditto Ditto, ditto, attached to Hend-Quarters Office 1st Oct. 1893 1st Nov. 1894 1st Oct. 1895 1st Oct. 1895 1st Oct. 1895 1st Oct. 1895 1st Oct. 1896 1st Oct. 1897 1st Oct. 1896 1st Oct. 1897 1st Oct. 1896 1st Oct. 1897 1st Oct. 1896 1st Oct. 1896 1st Oct. 1897 1st Oct. 1896 1st Oct. 1896 1st Oct. 1896 1st Oct. 1896 1st Oct. 1896 1st Oct. 1896 1st Oct. 1897 1st Oct. 1896 1st Oct. 1897 1st Oct. 1897	Ditto		Parties, Cadl. Survey .	1st Nov. 1892	•••••	•••
Ditto Ditto, ditto, attached to Singhbhum Rev. Survey Detachment (Kolhan Govt. E-tate)	Bengal		ditto Ditto, ditto,	1st Dec. 1892	*** ***	•••
Bihar Ditto, ditto, attached to Nos. 4 and 5 Parties, Cadl. Survey	Ditto		Parties, Cadl. Survey Ditto, ditto,	1st Oct, 1893		***
Ditto Ditto, 2nd grade, ditto 1895 Privilege leave for 2 months, from 29th July 1896. Bihar Sub-Asst. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey Ditto Ditto, 3rd grade, ditto, 3rd grade, ditto, ditto, ditto, attached to Head-Quarters Office 1st Oct. 1896 7th Aug. 1897 16th Oct. 1897	Bihar		Survey Detachment (Kolhan Govt. Estate)	1st Nov. 1894		•••
Bihar . Sub-Asst. Supdt., 2nd grade, attached to No. 4 Party, Cadl. Survey	Ditto		Parties, Cadl. Survey			
attached to No. 4 Party, Cadl. Survey			Privilege leave for 2	months, from 29t	th July 1896.	
Ditto Ditto, 3rd grade, ditto 7th Aug. 1897 Calcutta Ditto, ditto, attached to Head-Quarters Office 16th Oct. 1897	Bihar					٠
to Head-Quarters Office . 16th Oct. 1897			Ditto, 3rd grade, ditto		*** ***	•••
		•	to Hend-Quarters Office .		***	•••
Ditto . Ditto, 2nd grade, ditto . 13th Apl. 1898	Ditto	•	Ditto, 2nd grade, ditto .	13th Apl. 1898		1.4

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

Station	o.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Madras	•	Proby. Sub-Asst. Supdt., 3rd grade, attached to No. 19	954 N. 1999		
Ditto	•	Party, Topl. (Forest) Survey . Ditto, ditto, attached to Nos. 9 and 19 Parties.	25th Nov. 1896	•••••	***
Bind	•	Topl. (Forest) Survey Ditto, ditto, attached to No. 12 Party, Topl. Sur-	1st Sep. 1897	*****	***
Ditto		vey	21st Oct. 1897		•••
		ditto	25th Nov. 1897	•••	•••

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

Station.	Substantive Appointment.	Date.	Officiating Appoint-	Date.
Bundelkhand and Rewah.	Sub-Asst. Surveyor, 4th grade, attached to No. 5 Party,			
Ditto .	Topl. Survey Asst. Surveyor, 3rd grade, ditto	1st May 1866 1st Oct. 1868	•••	•••
'`Ditto . Bhopal and	Ditto, 2nd grade, ditto .	1st Oct. 1871	*** ***	•••
Malwa . Ditto .	Ditto, ditto, ditto . Ditto, ditto	1875 	Asst. Surveyor, 1st	
Ditto NW. P.	Ditto, 1st grade, ditto . Ditto, ditto, ditto .	13th July 1878 1878	grade	1st Jan. 1878.
	Privilege leave for 1	month, from 23:	rd June 1884.	
Baluchistan .	Asst. Surveyor, 1st grade, attached to No. 15 Party,	104h Tuna 1995]
Ditto .	Topl. Survey	10th June 1885	Surveyor, 4th grade .	lst Aug. 1886.
	Privilege leave for 1	l month, from 1s	t July 1888.	
Dehra Dun	Surveyor, 4th grade, attached to Trigl. Survey Office. Ditto, ditto, attached	lst Nov. 1888	***	***
	to No. 15 Party, Topl. Survey	30th Sep. 1889	•••••	•••
	Privilege leave for 2 mo	onths, from 1st S	September 1890.	
Baluchistan .	Extr aAsst. Supdt., 4th grade, attached to No. 15 Party,	18th Aug. 1892		
Ditto .	Ditto, 3rd grade, ditto	6th Dec. 1892	******	***
Ditto .	Ditto, 5th grade (reorga- nisation), ditto Ditto, 4th grade, ditto	23rd May 1893 27th Mar. 1895	*****	***
• 1	y Officer with Tirah Expeditions		18th September to 90th	December 1907
Baluchistan .		., y _ 0, 00, j , 0 1		2000,000, 100,
Deruchistui ,	Extra Asst. Supdt., 4th grade, attached to No. 15 Party, Topl. Survey	21st Dec. 1897		•••
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War Services.—Served as Survey Officer with the Tirah Expeditionary Force, from 16th September to 20th December 1897; mentioned in Despatch.

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

Station	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Kumaon and Garhwal.	Asst. Surveyor, 4th grade, attached to Kumaon und	01-1 D - 1050		
Dehra Dun .	Garhwal Topl. Survey 1) itto ditto, attached	21st Dec. 1878		***
Afghanistan .	to Computing Office Ditto, ditto, on duty with the Southern Afghanis-	17th April 1879	117 104	•••
Dehra Dun .	tan Field Force	21st April 1879		•••
Simla	attached to Computing Office Ditto, ditto, attached	1st Oct. 1879	,	*10
	to No. 7 Party, Topl. Survey.	1st Oct. 1879	*****	•••
Ditto .	Ditto, 3rd grade, ditto.	1st April 1881		***
	Privilege leave, fro	om 4th to 31st A	ugust 1881.	
Lower Burma	Asst. Surveyor, 3rd grade,		1	
20	attached to Mergui Base Line			
,	Survey, or Bombay Party, Trigl. Survey	1st Oct. 1881	*****	***
,	Privilege leave for 1 m			•••
			September 1002.	
Darjeeling .	Asst. Surveyor, 3rd grade, attached to Darjeeling-Nepal			
	Boundary Survey	1st Nov. 1882	•••	•••
Dehra Dun	Ditto, 2nd grade, ditto Ditto, ditto, attach	1st Oct. 1884	*****	•••
	ed to Coast Triangulation	1-4 7-1- 1905	T- 4	
	Party	1st July 1885	In temporary charge, Coast Triangulation	
Andeman and	Ditto, ditto, attached	·	Survey Party	1886.
Nicobars.	to Andaman and Nicobars	1a4 Aug 1000		
Madras	Topl, Survey Ditto, ditto, attached	1st Aug. 1886	*****	•••
	to No. 19 Party, Topl. Survey	1st Oct. 1887	*****	***
'	Privilege leave for one n	nonth, from 17th	September 1888.	
Calcutta .	Asst. Surveyor, 2nd grade,	. <u>1</u>	1	
	attached to Head-Quarters Office	1st April 1889		
,	,			•••
	Leave on medical certificate	, from 8th May	to 6th October 1889.	
Bimle .	Asst. Surveyor, 2nd grade, attached to No. 18 Himalaya	1		
	Party, Topl. Survey	1st Oct. 1889		•••
Ditto	Ditto, 1st grade, ditto	5th May 1890	*****	•••
Ditto •	SuhAsst. Supdt., 1st grade, ditto	18th Aug. 1892	•••	***
1	.			
	Privilege leave for 3 month	hs, from 15th Ju	ly to 14th October 1898	•
	Privilege leans for 2 mo	wthe from 161h	Nonember 1895	

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

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

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

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date.
Panjab .	Proby. Asst. Surveyor, 3rd grade, attached to No. 1 Party, Rev. Survey		•••••	***
Ditto Upper Burma	Asst. Surveyor, 3rd grade, ditto Ditto, ditto, attached to No. 3 Party,	-	******	***
	Cadl. and Topl. Survey	11th Oct. 1889	*** ***	***
Ditto .	Ditto, 2nd grade, ditto	1st Feb. 1890	*****	***
Ditto .	Sub-Asst. Supdt., 2nd grade,			
	ditto	18th Aug. 1892	•••••	***
Ditto . Sind .	Ditto, 1st grade, ditto . Ditto, ditto,	25th Oct. 1895	••••••	***
Siam .	attached to No. 12 Party, Topl. Survey Ditto, ditto, on deputa-	1st Nov. 1895	•••••	•••
Siau .	tion to Siam Government .	•••	••••	***
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Warde, Francis Edward.—Joined the service, 15th September 1869.

Calcutta . Apprentice, attached to Head-Quarters Office. Rajputana and Simla . Proby. Asst. Surveyor, 4th grade, attached to No. 7 Party, Topl. Survey	Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Simla Proby. Asst. Surveyor, 4th grade, attached to No. 7 Party, Topl. Survey			15th Sep. 1869	•••	110
Topl. Survey			,	,	
Khandesh (Bombay) . Ditto, ditto, attached to No. 2 Party, Topl. Survey . Ditto 2nd grade. ditto lst Nov. 1879	Ditto .	Topl. Survey	1st Sep. 1870	•••••	•••
Tached to No. 2 Party, Topl. Survey . 15th Aug. 1876			1st Sep. 1873	•••••	***
Ditto Ditto Ditto, Topl. Survey 1st Nov. 1879	(Bombay) .	tached to No. 2 Party,	1545 A 1070		•
Discharged from Service, 12th November 1883. Re-entertained as Temporary Draftsman, 5th March 1884. Debra Dun Asst. Surveyor, 3rd grade, attached to Dehra Cadl. and Topl. Surveys Ditto, ditto attached to No. 5 Party, kev. Survey Ditto, ditto, attached to Computing Oce Ditto, ditto, ditto, attached to No. 18 Part y Topl. Survey	D:44a			••••••	***
Discharged from Service, 12th November 1883. Re-entertained as Temporary Draftsman, 5th March 1884. Debra Dun Asst. Surveyor, 3rd grade, attached to Debra Cadl. and Topl. Surveys Ditto, ditto, attached to No. 5 Party, Rev. Survey Ditto, ditto, attached to Computing Oce Ditto, ditto, attached to No. 18 Party Topl. Survey Ditto, ditto, attached to No. 18 Party Topl. Survey Ditto, ditto, attached to No. 14 Party, angabad) Ditto Ditto, ditto, ditto, attached to Drawing Office Ditto, ditto, ditto, attached to Drawing Office Ditto, ditto, ditto, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, ditto Leave on medical certificate, from 5th September to 31st October 1892. Simla Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sup-Asst. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Sup-Asst. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Sup-Asst. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Sup-Asst. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Sup-Asst. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Sup-Asst. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Sup-Asst. Supdt., 2nd grade, 2nd gra				!	•••
Re-entertained as Temporary Draftsman, 5th March 1834. Debra Dun Asst. Surveyor, 3rd grade, attached to Debra Cadl. and Topl. Surveys Ditto, ditto attached to No. 5 Party, lst Mar. 1885 Ditto, ditto, attached to Computing Oce Ditto, ditto, attached to No. 18 Part y Topl. Survey Ditto, ditto, attached to No. 18 Part y Topl. Survey Ditto, ditto, attached to No. 14 Party, surgabad) Ditto Ditto, 2nd grade, ditto Simla Ditto, 2nd grade, ditto Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached from office, from 1st August to 24th September 1898.	Poner.	Ditto, Topi. Survey .	180 June 1999	1	•••
attached to Dehra Cadi, and Topl. Surveys Ditto, ditto, attached to No. 18 Part y Topl. Survey Ditto, ditto, attached to No. 18 Part y Topl. Survey Ditto, ditto, attached to No. 18 Part y Topl. Survey Ditto, ditto, attached to No. 18 Part y Topl. Survey Ditto, ditto, attached to No. 14 Party, Topl. Survey Ditto, 2nd grade, ditto Simla Ditto, ditto, attached to Drawing Office Ditto, ditto, attached to Drawing Office Ditto, Survey Ditto, 2nd grade, ditto Sub-Asst. Supdt., 2nd grade, ditto Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Sub-Asst. Supdt., 2nd grade, attached to Drawing Office	Dohan Dun	Re-entertained as Tempo	rary Draftsman	_	
Dehra Dun . Bev. Survey	NW. Provin-	attached to Dehra Cadl. and Topl. Surveys . Ditto, ditto	13th Nov. 1884		***
Himalaya . Ditto, ditto, attached to No. 18 Part y Topl. Survey	zapar). `	Rev. Survey		••••	•••
Central Provinces (Hosbings angabad) Ditto, attached to No. 14 Party, Topl. Survey Ditto, 2nd grade, ditto, attached to Drawing Office Ditto, attached to Drawing Office Ditto Sub-Asst. Supdt., 2nd grade, ditto Leave on medical certificate, from 5th September to 31st October 1892. Simla Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Ist Nov. 1892	Himalaya .	attached to Computing Oce Ditto, ditto, ,	,		***
Binds Bub-Asst. Supdt., 2nd grade, ditto Simls Ditto, 2nd grade, ditto Ditto, ditto, attached to Drawing Office Ditto Sub-Asst. Supdt., 2nd grade, ditto Leave on medical certificate, from 5th September to 31st October 1892. Simls Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Ist Nov. 1892 Suspended from office, from 1st August to 24th September 1898. Simls Sub-Asst. Supdt., 2nd grade, attached to Drawing Office Ist Nov. 1892 Suspended from office, from 1st August to 24th September 1898.		Topl. Survey			***
Ditto Ditto, 2nd grade, ditto 1st Oct. 1889	. '	1	15th May 1887	1	
Simla Ditto, ditto, attached to Drawing Office . Ditto Sub-Asst. Supdt., 2nd grade, ditto	This to			1	
Ditto . Sub-Asst. Supdt., 2nd grade, ditto			180 OCU. 1000		•••
Leave on medical certificate, from 5th September to 31st October 1892. Simla . Sub-Aest. Supdt., 2nd grade, attached to Drawing Office. 1st Nov. 1892 Suspended from office, from 1st August to 24th September 1898. Simla . Sub-Aest. Supdt., 2nd grade,	Ditto .	attached to Drawing Office .	1	****	•••
Simla . Sub-Asst. Supdt., 2nd grade, attached to Drawing Office . 1st Nov. 1892 Suspended from office, from 1st August to 24th September 1898. Simla . Sub-Asst. Supdt., 2nd grade,		,	,	•	•••
Suspended from office, from 1st August to 24th September 1898. Simla . Sub-Asst. Supdt., 2nd grade,	Simls .	Sub-Asst. Supdt., 2nd grade,	1	1	
Suspended from office, from 1st August to 24th September 1898. Simla . Sub-Asst. Supdt., 2nd grade,		attached to Drawing Office .	1st Nov. 1892		***
Simla . Sub-Asst. Supdt., 2nd grade,					
	Qi-la) •	
	emia .			,	***



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

Cer on.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
hra .	Proby. Asst. Surveyor, 4th grade, attached to Computing Office	2nd July 1875		•••
on and Arhwal .	Ditto, ditto, attached to Topl. Survey Party Asst. Surveyor, 4th grade, ditto	1st Oct. 1875		•••
.	Leave on medical certificate,	from 10th Octo	ber to 9th December 1877	_
	Asst. Surveyor, 4th grade, attached to No. 10 Topl.	2nd Jan. 1879		•
	Leave on medical certificate		·	
ysore	Asst. Surveyor, 4th grade,	_	1	
,,30,6	attached to No. 8 Topl. Party		,,,,,	•••
Ditto .	Ditto, 3rd grade, ditto	lst Apl. 1881		***
)	Leave on medical certificate, fron	ı 30th August 18	81 to 23rd January 1882	2.
ohat .	Asst. Surveyor, 3rd grade,		1 1	
·	attached to Topl. Survey .	24th Jan. 1882		***
	Leave on medical certificate fr	om 16th August	1892 to 14th August 168	38.
W. Provin-			1	
ces,	attached to No. 5 Party, Topl	1st Oct. 1883		
Ditto	Ditto, 2nd grade, ditto	1st Mar. 1884	,	***
Ditto	Ditto, ditto, attached to			
Ditto .	No. 4 Basti Cadl. Survey Ditto, 1st grade, ditto			***
Lower Burma			'''''	•••
	No. 13 Mergui Topl. Survey	28th Oct. 1889		***
Calcutta .	to Hend-Quarters Office .	1st Mny 1891		
Upper Burma			}	•••
	to No. 11 Party, Topl. Survey	27th Oct. 1891		•••
	Furlough, from 38th M	lay 1892 to 17th	February 1893	
	Asst. Surveyor, 1st grade (on	. 1	1	
•••				
•••	furlough), attached to Head-	28th May 1805	,	
•••	Quarters Office	28th May 1892	. 1	•••
 Lower Burms	Quarters () ffice . Sub-Asst. Supdt., 1st grade	28th May 1892 18th Aug. 1892	. 1	•••
:	Quarters Office . Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey.	28th May 1892 18th Aug. 1892 28th Mar. 1893		
Lower Burms	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto. ditto, attached to	28th May 1892 18th Aug. 1892 28th Mar. 1893	3	
:	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto, ditto, attached to No. 12 Party, Topl. Survey	28th May 1892 18th Aug. 1892 28th Mar. 1893 1st Nov. 1895	3	•••
Bind	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto, ditto, attached to No. 12 Party, Topl. Survey Privilege leave for 3	28th May 1892 18th Aug. 1892 28th Mar. 1893 1st Nov. 1893 months, from 2	3	•••
:	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto, ditto, attached to No. 12 Party, Topl. Survey Privilege leave for 3 Extra Asst. Supdt., 6th grade attached to No. 12 Party, Top	28th May 1892 18th Aug. 1892 28th Mar. 1893 1st Nov. 1893 months, from 2	5th May 1896.	
Bind	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto, ditto, attached to No. 12 Party, Topl. Survey Privilege leave for 3 Extra Asst. Supdt., 6th grade	28th May 1892 18th Aug. 1892 28th Mar. 1893 1st Nov. 1893 months, from 2	5 5 5 5	
Bind	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto, ditto, attached to No. 12 Party, Topl. Survey Privilege leave for 3 Extra Asst. Supdt., 6th grade attached to No. 12 Party, Top Survey	28th May 1892 18th Aug. 1892 28th Mar. 1893 1st Nov. 1893 months, from 2	5 5 5 5	
Bind	Quarters Office Sub-Asst. Supdt., 1st grade Ditto, ditto, attached to No. 20 Party, Topl. Survey. Ditto, ditto, attached to No. 12 Party, Topl. Survey Privilege leave for 3 Extra Asst. Supdt., 6th grade attached to No. 12 Party, Top Survey	28th May 1892 18th Aug. 1892 28th Mar. 1893 1st Nov. 1893 months, from 2	5 5 5 5	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Rajputana .	Asst. Surveyor, 3rd grade, attached to No. 7 Party, Topl. Survey Ditto, ditto, attached	1st Oct. 1872		•••
Mysore	to No. 8 Party, Topl. Survey	1st Aug. 1876		•
Ditto .	Ditto, 2ndgrade, ditto	1877		
Burma	Ditto, ditto, at- tached to No. 24 Party, Trigl. Survey	1st Oct. 1878		
Sick leave for	r 6 months, from 21st October 19	378, extension wi	thout pay up to 17th 2	Lugust 1879.
	On half-pay list, from 18t	h August 1879 to	31st August 1880.	
Calcutta .	Asst. Surveyor, 2nd grade, attached to Head-Quarters Office			
Assam	Ditto, ditto, attach-	1st Sep. 1880	******	•••
	ed to No. 6 Party, Topl.		•	Ì
	•	1st Oct. 1880		•••
	Sick leave, from 17th Oc		h January 1883.	
Baluchistan .	attached to No. 15 Party,	29th Jan, 1883		
Ditto .	Topl. Survey		******	***
2.000	Sick leave for 3 mon		•	
Bomba y .	Asst. Surveyor, 1st grade, attached to Konkan Topl.			
Central India.	Survey	1st Oct. 1884	******	•••
Lower Burms	Survey Ditto, ditto, attached to No. 13 Party, Topl.	1st Nov. 1887	*****	•••
		1st Oct. 1890		•••
	Furlough for 1 year and	6 months, from	24th March 1892.	
•••	Sub-Asst. Supdt., 1st grade	1	1	•
Lower Burms	(on furlough) Ditto, ditto, attached to No. 20 Party (Forest)	18th Aug. 1892	•••••	•••
	Topl. Survey	1st Nov. 1893		•••
Ditto .	Ditto, ditto	•••	Extra Asst. Supdt., 6th grade	15th Nov. 1893
Ditto .	Extra Asst. Supdt., 6th grade,	ļ	oungrade	10011107.1000
Upper Burma	ditto	25th Nov. 1893	*****	•••
Opper Burna.	to No. 11 Party, Topl.	20th Oct. 1896	******	***
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Williams, Patrick.—Joined the service, 16th September 1893.

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Simla .	Proby. Sub-Asst. Supdt., 3rd grade, attached to Drawing			
Baluchistan .	Office	16th Sep. 1893		•••
	No. 15 Party, Topl. Survey .	1st Mar. 1894		***
Ditto .	Sub-Asst. Supdt., 3rd grade, ditto	16th Sep. 1894	*17.444	
NW. Provin-	Ditto, ditto, attached			
	to No. 8 Party, Revenue	25th Oct. 1895		
Ditto .	Survey			***
Upper Burma	Ditto, ditto, attached to No. 21 Party, Topl. Survey	23rd Oct. 1897	******	
Ditto .	Ditto, 3rd grade, ditto	1st June 1898		,
		180 3 0 10 10 30	******	•••
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Wilson, Charles Walker.—Joined the service, 21st June 1867.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bengal .	Asst. Surveyor, 3rd grade, attached to 4th Divn., Rev. Survey	21st June 1867		•••
	Leave on medical certificate Ditto Ditto		rom 1st March 1869. rom 1st August 1869.	
Bengal .	Asst. Surveyor, 3rd grade,			1
Bombay .	attached to Hazaribugh Dist. Topl. Survey Ditto, ditto, attached	Oct. 1869	** ***	
N7 137 D-0	to Deccan Party, Topl. Survey	Oct. 1871		•••
NW. Pro-	Ditto, ditto, attached to Cadl. Survey	Nov. 1872	******	***

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Bahawalpur .				i
	attached to Rev. Sur-	0.4 1070		
TOUL	vey (Bahawalpur State)	Oct. 1873	•••••	***
Ditto .	Ditto, 2nd grade, ditto	1874	*****	***
•••	Ditto, ditto, attached			
	to No. 14 Party, Ganges Riverain Survey	Nov. 1875		•
NW. Provin-	Ditto, ditto, attached	1107. 1070	······ .	***
Ces.	to No. 3 Party, Rev. Survey	Dec. 1877	į.	
Ditto .	Ditto 1st grade, ditto	1879		***
: : : : :	Ditto, ditto, attached	1010	l "''" (***
Punjab .	to No. 1 Party, Rev.		[
	Survey	Oct. 1884	1	
Central Pro-	Ditto, ditto, attached	000.1003	······	•••
Vinces.	to No. 13 Party, Rev.		1	
41110001	Survey	Dec. 1887		•••
Assam .	Ditto, ditto, attached	200.200.	1	•••
	to No. 6 Party, Cadl. Survey	Nov. 1889		
Ditto .	Surveyor, 4th grade, ditto	April 1892	1	***
	() () () () () () () () () ()			
Calcutta .	Extra Asst. Supdt., 4th grade, attached to No. 6 Party, Rev. Survey Ditto, ditto, attached to Head Quarters Office	18th Aug. 1892 10th Nov. 1892	ĺ	····
Ditto .	Ditto, 6th grade (reorganisation), ditto	 23rd May 1893	*** ***	•••
	Privilege leave for 20	days, from 1st	November 1893.	
Upper Burma	Extra-Asst. Supdt., 6th grade,		1	
••	attached to No. 3 Party,		1	
	Cadl. Survey	1st Dec. 1893		
Ditto .	Ditto, 6th grade, ditto	7th Aug. 1894		•••
	Privilege leave for 2 month	hs and 26 days,	from 6th May 1896.	
1	Leave on private affairs for 2 mo	onths and 10 day	ys, from 23rd March 189	97.
Upper Burms	Extra Asst. Supdt., 5th grade,		1	
• •	attached to No. 3 Party,		1	
	Cadl. Survey	1st June 1897		***
Lower Burms				
	to No 20 Party (Forest)	l .	1	
	Topl. Survey	14th May 1898	1	

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

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date
Calcutta .	Proby. Sub-Asst. Supdt., 3rd grade, attached to Head-			
Madras .	Quarters Office Ditto, ditto, attached to No. 19 Party (Forest) Topl.	4th Sept. 1899		***
_	Survey	1st Nov. 1893		***

Station.	Substantive Appointment.	Date.	Officiating Appointment.	Date.
Ditto	Sub-Asst. Supdt 3rd grade, attached to No. 19 Party, (Forest) Topl. Survey Ditto, 2nd grade, ditto Ditto, ditto, attached	4th Sep. 1894 1st Jan. 1897		•••
•	to Nos. 9 and 19 Parties, Topl. (Forest) Survey	1st Sep. 1897	*****	.44

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

Station.		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Mussoorie a	nd				
Debra Du	n.	Proby. Asst. Surveyor, 3rd grade, attached to Trigl.			
Ditto		Survey Office	2nd Aug. 1884	*****	•••
	•	ditto .	2nd Aug. 1885		•••
Rajputana	•	Ditto, ditto, attached to No. 1 Party, Topl. Survey	lst Oct. 1885	*** 1**	•••
E^{j}	ctra	ordinary leave without allowand	es, from 12th M	ay 1886 to 11th Januar	y 1889.
Dehra Dun	•	Asst. Surveyor, 3rd grade, at- tached to Trigl. Survey Office	12th Jan. 1889		•••
Calcutta	•	Ditto, ditto, attached to Head-Quarters Office	1st Feb. 1889	*****	•••
Pen gal	•	Ditto, ditto, attached to No. 4 Party, Topl. and			
Ditto		Cadl. Surveys	1st Nov. 1889	*****	•••
Ditto	_	ditto	17th Mar. 1892		***
	•	ditto	18th Aug. 1892	•••••	•••
Ditto	•	Ditto, ditto, attached to No. 2 Party, Rev. and			
est		Cadl. Surveys Ditto, ditto, attached	1st Oct. 1892	•••••	***
<i>F</i>		to Nos. 2 and 8 Parties, Cadl. Survey	1st Oct. 1893		•••
3urma	•	Ditto, ditto, on deput- ation, Land Records Depart-			•••
		ment	1st April 1894	***	

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

Station.		Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Burma	•	Sub-Asst. Supdt., 2nd grade, on deputation, Laad Records	114h D 1900		
Ditto	:	Department	11th Dec. 1896 1st Jan. 1897	******	•••
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Wyatt, Alexander George.—Joined the service, 1st November 1861.

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Chota Nagpur	Sub-Asst. Surveyor, 3rd class,			1
Assam .	attached to No. 4 Party, Topl. Survey Ditto, 2nd class, attached to the Khasi and	1st Nov. 1861	. *******	•••
Chota Nagpur	Garo Hills Topl. Survey . Ditto, lst class,	1st April 1868	401 ***	•••
Ditto .	attached to No. 4 Party, Topl. Survey Surveyor, 4th grade, ditto	lst Nov. 1868 1st April 1874		•••
Bombay and Native States	Ditto, ditto, attach- cd to No. 4 Party, Khandesh	•		•••
Ditto .	Topl. Survey Ditto, 3rd grade, ditto	22nd Feb. 1883	******	•••
	 Furlough out of India, from 11t	l h November 1883	। 3 to 6th November 1884	•
Calcutta .		14th Nov. 1884		**1
Lower Burma Upper Burma	Ditto, ditto, attached to No. 20 Party (Forest) Topl. Survey Ditto, ditto attach-	18th Nov. 1886	••••••	***
Ditto	ed to No. 21 Party, Topl. Survey Ditto, 2nd grade, ditto	1st Jan. 1887 24th Nov. 1888		•••
Calcutta	Ditto, ditto, attach- ed to Head-Qeunrters Office	21st Oct. 1890	*****	***
Ditto .	Extra Asst. Supdt., 2nd grade, ditto	18th Aug. 1892		
Ditto .	Ditto, 1st grade, ditto . Ditto, 2nd grade (re- organisation), ditto .	8th Nov. 1892 23rd May 1893	,	•••
Ditto .	Ditto, ditto .		Hend Draftsman, Head-Quarters Office	15th July 1893.
Ditto .	Ditto, ditto .	15th Oct. 1893	***	111 1000,

Station	ı.	Substautive Appointment.	Date.	Officiating Appointment	Date.
		Privilege leave for 2 months	and 16 days, fr	om 6th August 1894.	
Poons .	•	Extra Asst. Supdt., 2nd grade, attached to No. 10 Party, Topl.]	}
Sind	•	Survey	25th Oct. 1894	In temporary charge, Indus Riversin	***
Ditto		Ditto, ditto, attached to No. 12 Party, Topl.		Detachment	12th Oct. 1895.
Ditto		to No. 12 Party, Topl. Survey Ditto, ditto	1st Nov. 1895	In temporary charge,	110
Ditto	•	Ditto, ditto, attach- ed to No. 12 Party, Topl.		No. 12 Party	24th June 1896.
		Survey	24th Aug. 1896		100
		Under suspension,	from 3rd to 7th	November 1896.	_
Madras	•	, , , , , , , , , , , , , , , , , , , ,	26th Nov. 1896		
Madras		Privilege leave for 3 a Extra Asst. Supdt., 2nd grade,	months, from 26	it h May 1 897.	Ī
	•	attached to Nos. 9 and 19 Party (Forest) Topl. Survey	1st Sept. 1897	******	110
Calcutta		Ditto, ditto, attached to Head-Quarters Office	27th April 18 98	*****	419
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Yusuf Sharif, Khan Bahadur.-Joined the service, 16th June 1867.

Station.	Substantive Appointment.	Date.	Officiating Appointment,	Date.
Chota-Nagpur, C. P. and Rajputana.	Sub-Surveyor	16th June 1867 to 1st Dec. 1886	*****	444
Baluchistan . NW. Frontier	attached to No. 16 Party, Topl. Survey Ditto, ditto,	1st Dec. 1886	410	***
Baluchistan .	attached to Afghan Boundary Commission, Topl. Survey Ditto, ditto, attached	•••	•••••	•••
Ditto .	to No. 16 Party, Topl. Survey Ditto, 2nd grade, ditto Sub-Asst. Supdt., 2nd grade,	31st Mar. 1889 10th Nov. 1890	000 178 000 140	***
	ditto	18th Aug. 1892	•••••	Wd

Station.	Substantive Appointment.	Date.	Officiating Appoint- ment.	Date.
Baluchistan .	Sub-Asst. Supdt., 1st grade, attached to No. 15 Party, Topl. Survey ivilege leave for 2 months, from a Ditto for 40 days, from 1.	12th Nov. 1895 4th October 1897	, , , , , , , , , , , , , , , , , , , ,	··· 1897 .
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Extraordinary Services.—On special duty season 1881-82; employed on the survey of Mussa Darra in the Jawaki Afridi country, under Major T. H. Holdich, R. E. Received the thanks of the Government

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

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

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

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

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

the Government of India.

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