



INDIAN MINES ACT, 1923

ANNUAL REPORT

OF THE

CHIEF INSPECTOR OF MINES IN INDIA

FOR THE YEAR ENDING

31st DECEMBER 1930



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APPENDIX
STATISTICS OF MINES

Table
Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of							Total Males and Females.
			Underground.							
			Males.						Females.	
			Overmen and Strikers.	Coal-cutters.	Loaders.	Other skilled labour.	Other unskilled labour.	Total Males.		
		Tons.							CO	
Assam .	Lakhimpur . . .	307,414	61	305	347	321	613	1,866	...	1,866
	Naga Hills . . .	60,671	27	60	73	64	183	396	...	396
	Total	368,085	108	365	410	385	995	2,262	...	2,262
Baluchistan	Quetta-Pishin . .	7,940	9	36	67	1	...	103	...	103
	Sibi-Khest . . .	8,355	5	27	25	2	...	59	...	59
	Total	11,301	14	63	82	3	...	162	...	162
Bengal .	Bankura	7,445	2	21	13	3	2	41	9	50
	Birbhum	1,050	2	5	3	...	...	10	3	13
	Burdwan	6,308,033	656	12,232	3,363	3,047	5,300	25,297	6,116	31,413
	Total	6,316,528	660	12,258	3,378	3,050	5,302	25,348	6,128	31,476
Bihar and Orissa.	Manbhum— Baniganj coalfield (part of)	798,675	120	2,085	425	408	1,100	4,168	610	5,099
	Jharia ..	10,697,323	1,206	17,425	5,933	4,661	6,303	35,678	8,828	44,503
	Hazaribagh— Jharia coalfield (part of)	66,536	8	118	46	34	27	333	53	270
	Bokaro ..	2,100,340	28	659	321	142	106	1,345	180	1,626
	Giridih ..	613,533	310	2,053	611	195	617	4,795	898	5,693
	Karanpura .. (part of)	481,781	26	781	373	91	90	1,311	395	1,706
	Ranchi— Karanpura coalfield (part of)	300	1	3	1	1	...	6	2	8
	Palamu— Daltonganj coalfield	1,500	1	0	...	...	...	7	2	9
	Hutar ..	105	2	17	..	4	...	23	...	23
Carried over	14,810,420	1,630	23,096	7,000	5,726	8,639	47,541	11,274	58,815	

DIX I.

AND MINERALS.

No. I.

year 1930 at mines under the Indian Mines Act.

persons employed daily in and about the mines.

Orems and Structs.	Open workings.							Total Underground and Open workings.	Surface.						Grand Total.		
	Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.			
	Coal-on-tiers.	Loaders.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.					
A.L.																	
13	88	147	110	424	782	234	1,016	2,683	33	183	580	785	131	850			3,758
...	...	...	...	...	...	...	...	390	14	63	158	225	4	229			625
13	88	147	110	424	782	234	1,016	3,278	47	205	708	900	125	1,085			4,563
...	...	...	...	...	...	...	...	103	...	...	30	30	10	40			143
...	...	...	...	...	...	...	...	59	1	2	7	10	...	10			69
...	...	...	...	...	...	...	...	162	1	2	37	40	10	50			213
1	7	1	...	3	11	7	18	68	13	3	...	15	7	22			90
...	...	...	...	...	...	...	...	13	1	1	4	6	3	9			22
7	125	8	60	331	540	440	980	22,393	1,672	3,310	5,714	10,698	3,491	14,067			46,480
8	122	9	60	323	521	447	968	32,476	1,585	3,214	5,719	10,617	3,501	14,118			46,593
10	65	14	23	48	161	70	240	5,330	206	407	944	1,537	530	2,066			7,435
60	603	203	115	560	12,058	906	2,934	47,470	1,934	4,655	11,545	16,124	5,955	23,089			71,459
...	...	...	...	...	...	...	...	270	26	41	65	132	55	167			463
40	3,013	909	130	3,368	6,410	3,471	9,881	11,408	174	673	2,543	3,389	1,824	4,913			6,919
3	110	26	1	0	140	94	243	5,008	63	180	1,187	1,460	477	1,943			7,319
1	350	218	85	371	1,031	303	1,427	3,133	73	206	285	534	120	654			3,787
...	...	...	...	...	...	...	...	8	3	1	4	7	3	10			18
...	...	...	...	...	...	...	...	0	...	...	...	...	...	...			9
...	...	...	...	...	...	...	...	23	3	10	...	16	8	26			40
123	4,347	1,430	344	3,665	9,992	4,016	14,765	73,570	2,610	6,184	16,543	25,237	9,661	33,818			107,388

APPEN
STATISTICS OF MINES

Table
Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of							
			Underground.							
			Males.							Total Males and Females.
			Overmen and Sidrars.	Coal cutters.	Lowers.	Other skilled labour.	Other unskilled labour.	Total Males.	Females.	
	Brought forward	Tons. 14,810,420	1,680	23,996	7,600	5,720	8,539	47,541	11,274	CO 58,815
Bihar and Orissa—contd.	Sambalpur—Hingir Rampur	37,719	5	45	31	35	6	123	24	140
	Sonthal Parganas—									
	Jainty	49,530	18	164	60	36	33	203	13	311
	Raniganj coalfield (part of).	103,288	14	910	...	47	102	479	65	544
	Total	14,995,007	1,714	24,511	7,691	5,844	8,650	48,140	11,376	69,516
Central Provinces.	Chanda	211,980	83	714	338	100	203	1,437	174	1,611
	Chhindwara	740,391	63	2,134	639	387	283	3,485	609	4,104
	Total	952,371	114	2,848	907	487	516	4,922	783	5,715
Punjab	Jhelum	26,004	20	130	63	71	63	367	...	357
	Mianwali	20,011	4	47	41	7	23	121	...	121
	Shahpur	3,704	1	21	...	3	18	43	...	43
	Total	50,019	31	198	109	81	103	531	...	531
	Grand Total (Coal) for 1930.	23,683,861	2,841	40,238	12,646	10,450	15,408	81,665	18,257	99,922
	Ditto of preceding year.	22,308,174	2,771	37,923	11,472	9,192	13,065	75,023	21,850	96,873
	Difference	+3,775,687	+70	+2,315	+1,174	+1,258	+1,890	+6,642	-3,593	+3,049

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

persons employed daily in and about the mines.

Open workings.									Total Under-ground and Open workings.	Surface.					Grand Total.		
Males.					Females.	Total Males and Females.	Males.				Females.	Total Males and Females.					
Overman and Sidemen.	Coal-cutters.	Loaders.	Other skilled labour.	Other unskilled labour.			Total Males.	Clerical and supervising staff.		Skilled labour.			Unskilled labour.	Total Males.			
<i>A.L.—contd.</i>																	
123	6,347	1,430	344	3,665	9,809	4,046	14,755	73,570	2,510	6,184	16,543	25,287	8,581	83,818	107,388		
...	...	...	...	...	...	...	...	146	...	43	8	50	21	71	317		
...	...	...	...	...	...	...	...	311	32	74	82	178	17	105	606		
...	...	...	...	...	...	...	...	544	34	60	91	186	58	243	787		
123	4,347	1,430	344	3,665	9,809	4,046	14,755	74,571	3,560	6,300	16,724	25,050	8,677	84,337	108,898		
...	...	...	...	...	...	...	...	1,611	50	98	324	472	95	567	2,178		
...	10	...	...	...	10	...	10	4,114	79	547	607	1,133	547	1,080	5,794		
...	10	...	...	...	10	...	10	5,725	129	645	881	1,005	643	2,247	7,972		
...	...	...	...	...	...	...	...	357	26	63	217	205	...	295	653		
...	...	...	...	...	...	...	...	121	8	11	61	100	7	107	236		
...	...	...	...	...	...	...	...	43	5	4	32	41	...	61			
...	...	...	...	...	...	...	...	121	30	67	350	430	7	443	964		
144	4,877	1,586	1,283	4,822	11,158	5,027	16,770	116,781	4,367	10,503	24,348	30,308	12,903	51,270	100,001		
218	4,686	1,120	450	4,115	10,793	7,045	18,738	115,640	4,192	10,420	22,754	37,366	12,652	50,018	165,658		
-00	-309	+406	+67	+204	+360	-2,318	-1,959	+1,091	+175	+173	+1,594	+1,242	+310	+2,252	+3,343		

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Foremen and Mates.	Open workings.					Total Males and Females.	Total Underground and Open workings.	Surface.					Grand Total.	
	Males.				Females.			Males.				Females.		Total Males and Females.
	Miners.	Other skilled labour.	Other unskilled labour.	Total males.				Clorical and super- vising staff.	Skilled labour.	Unskilled labour.	Total Males			
ORE.														
99	2,259	350	388	3,095	1,521	4,619	4,619	121	162	732	1,015	326	1,341	5,960
...	...	...	9	9	...	9	9	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	8	4	45	57	...	57	57
3	...	4	70	77	2	79	79	2	2	144	148	33	161	260
3	...	4	79	86	2	88	88	10	6	189	205	33	238	320
101	2,259	351	167	3,181	1,526	4,707	4,707	131	168	921	1,220	359	1,579	6,286
155	2,858	336	724	4,073	1,948	6,021	6,021	165	378	1,269	1,812	945	2,757	8,778
-54	599	+18	-257	-592	-422	-1,314	-1,314	-34	-210	-348	-592	-586	-1,178	-2,492
ORE														
17	202	45	65	329	175	504	504	20	54	115	189	160	349	943
2	...	11	77	90	44	134	134	3	...	...	3	...	3	137
6	200	...	19	225	102	327	327	4	2	30	36	...	36	363
39	420	14	...	473	379	852	852	20	20	257	306	102	408	1,260
47	620	25	96	783	525	1,313	1,313	27	31	287	345	102	447	1,760

APPEN
STATISTICS OF MINES

Table
Number of workers and output of minerals during

Province.	District and Mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Blates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
MANGANESE									
Central Provinces.		Tons.							
	Balaghat . . .	220,018	20	481	7	143	651	...	651
	Bhandara . . .	150,133	1	18	...	...	19	...	19
	Chhindwara . . .	27,170	4	51	21	6	81	...	81
	Nagpur . . .	155,023	7	133	6	2	148	...	148
	Total	552,944	32	683	34	150	899	...	899
Madras . . .	Bellary . . .	3,470	...	...	...	...	...	...	...
	Cuddapah . . .	50	...	...	...	...	...	...	...
	Kurnool . . .	...	...	...	...	...	...	...	...
	Vizagapatam . . .	19,213	...	...	...	...	...	...	...
		Total	16,793
	Grand Total (Manganese ore) for 1930.	628,676	39	729	50	171	989	...	989
	Grand Total (Manganese ore) for preceding year.	750,908	44	627	58	155	684	327	1,211
	Difference . . .	-127,230	-5	+102	-8	+16	+105	-327	-222

DIX I—contd.

AND MINERALS—contd.

No. I—contd.

the year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Foremen and Mntes.	Open workings.						Total Underground and Open workings.	Surface.						Grand Total.
	Males.				Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
ORE—contd.														
84	1,401	56	834	1,875	1,023	3,798	4,449	51	62	364	477	421	898	5,347
93	1,228	5	94	1,420	1,103	2,523	2,542	45	40	201	286	191	477	3,019
9	58	10	2	79	39	118	199	8	29	82	119	80	199	398
124	1,670	61	109	1,964	1,679	3,643	3,791	54	63	502	619	341	960	4,751
310	4,357	132	529	5,333	4,744	10,052	10,931	158	194	1,140	1,501	1,033	2,534	13,515
6	20	10	28	64	10	74	74	10	14	23	45	26	71	145
...	7	...	...	7	...	7	...	...	...	...	...	...	...	7
...	...	...	4	4	...	4	4	...	...	...	...	...	...	4
32	763	7	9	811	356	1,167	1,167	2	41	67	117	...	117	1,284
36	790	17	41	866	366	1,252	1,252	19	55	88	162	26	188	1,440
412	5,939	219	741	7,341	6,610	13,151	14,140	224	334	1,639	2,197	1,821	3,518	17,658
617	9,789	853	751	11,510	9,418	20,928	22,139	294	404	2,367	3,065	2,039	5,104	27,243
205	3,620	134	10	4,169	3,608	7,777	7,999	70	70	728	868	718	1,586	9,585

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Minors.	Other skilled labour.	Other unskilled labour.	Total Males.		
		Tons.							LEAD
Burma .	Meiktila . . .	..	1	..	8	4	8	..	8
	Northern States. Shan	529,814*	128	3,185	282	1,640	5,235	..	5,235
	Southern States. Shan	305	17	136	30	..	188	..	188
	Grand Total (Lead ore) for 1930.	530,119	146	3,321	315	1,644	5,426	..	5,426
	Grand Total (Lead ore) for preceding year.	464,691	138	2,671	285	2,056	5,150	..	5,150
	Difference . . .	+65,428	+8	+650	+30	-412	+276	..	+276
		Tons.							ANTIMONIAL
Burma .	Northern States. Shan	1,700							Figures including
	Total of preceding year.	1,200	..	..	..	..	..	..	..
	Difference . . .	+500	..	..	..	..	..	..	..

* 78,030 tons of refined

DIX I—contd.

AND MINERALS—contd.

No. I—contd.

year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Matos.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
ORE.														
...	8	...	...	...	...	...	6	
1	32	33	...	33	5,268	58	218	467	743	...	743	6,011
...	183	...	49	32	61	...	61	264
1	32	33	...	33	5,459	58	267	499	824	...	824	6,283
1	58	59	...	59	5,209	61	226	552	841	7	848	6,057
...	-26	-26	...	-26	+250	-3	+39	-53	-17	-7	-24	+226
LEAD.														
in those for Lead Ore.														
...
...

Lead extracted.

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed							
			Underground.							
			Males.					Total Males.	Females.	Total Males and Females.
			Foremen and Mates.	Minors.	Other skilled labour.	Other unskilled labour.	Total Males.			
Burma	Northern States. Shan	Ounces. 7,054,206								SIL
										Figures included
	Total of preceding year.	7,280,517	...	...	...	...	...	...	...
	Difference . . .	-226,311	...	...	...	...	...	...	...
Bihar and Orissa.	Manbhum . . . Singhbhum . . .	Ounces. ... 30	... ...	... 2	... ...	... 1	... 3	... ...	... ...	GO
	Grand Total (Gold) for 1930.	30	...	2	...	1	3	...	3	
	Grand Total (Gold) for preceding year.	30	...	4	...	..	4	...	4	
	Difference . . .	...	...	-2	...	+1	-1	...	-1	

DIX I—contd.

AND MINERALS—contd.

No. I—contd.

year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.					Total Males and Females.	Total Males and Females.	Total Underground and Open workings.	Surface.					Total Males and Females.	Grand Total.		
Males.								Females.	Males.						Females.	
Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.					Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.				
VEB																
in those for Lead Ore.																
...		
...		
L.D.																
1	15	16	...	16	16	...	...	...	...	...	...	16		
...	8	1	1	3	5	2	7	10		
1	15	16	...	16	19	1	1	3	5	2	7	26		
...	4	...	...	6	6	2	8	12		
+1	+15	+16	...	+16	+15	+1	+1	-3	-1	...	-1	+14		

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
Burma .		Tons.							TIN
	Amherst . . .	23	..	..	..	..	..	..	..
	Mergui . . .	788	6	..	6	26	38	..	38
	Tavoy . . .	2,181	8	1,037	19	..	1,064	..	1,064
	Thaton . . .	9	2	10	5	..	17	..	17
	Grand Total (Tin Ore) for 1930.	3,001	16	1,047	30	26	1,119	..	1,119
	Grand Total (Tin Ore) for preceding year.	3,884	14	1,436	216	15	1,681	3	1,684
Difference . . .	-883	+2	-389	-186	+11	-562	-3	-565	
Burma .		Tons.							WOLFRAM
	Mergui . . .	75							Figures included
	Tavoy . . .	1,433							
	Thaton . . .	1							
	Grand Total (Wolfram Ore) for 1930.	1,509	..	..	..	..	..	..	..
	Grand Total (Wolfram Ore) for preceding year.	1,061	..	..	..	..	..	..	..
Difference . . .	+448	..	..	..	..	..	..	..
Baluchistan		Tons.							CHROMITE
	Zhob . . .	25,387	8	161	..	..	169	..	169

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Opon workings.							Total Underground and Open workings.	Surfaces.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Fore men and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and super- vising staff.	Skilled labour.	Unskilled labour.	Total Males.			
ORE.														
2	59	19	72	152	56	208	208	1	3	5	9	..	9	217
22	976	349	433	1,780	40	1,820	1,856	52	28	181	261	...	261	2,119
47	2,670	221	1,263	4,201	125	4,326	5,390	112	90	245	447	7	454	5,844
2	..	5	7	14	10	24	41	1	3	..	4	..	4	45
73	3,705	594	1,775	6,147	231	6,378	7,497	166	124	431	721	7	729	8,225
53	3,034	1,161	1,753	6,001	198	6,199	7,823	217	106	443	766	4	770	8,593
+20	+671	-567	+22	+146	+93	+239	-325	-51	+16	-12	-45	+3	-42	-368
ORE.														
in those for Tin Ore.														
...
...
...
ORE.														
9	86	...	...	95	...	95	264	8	...	105	109	...	108	372

APPEN
STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
Bihar and Orissa	Singhbhum . . .	Tons. 5,101	...	...	...	...	...	CHROMITE	
	Grand Total (Chromite Ore) for 1930.	30,458	8	161	...	...	169	...	169
	Grand Total (Chromite Ore) for preceding year.	21,054	7	104	...	...	111	...	111
	Difference . . .	+9,434	+1	+57	...	...	+58	...	+58
Bihar and Orissa	Singhbhum . . .	Tons. 123,749	4	11	232	476	723	...	COPPER 723
	Grand Total (Copper Ore) for 1930.	123,749	4	11	232	476	723	...	723
Burma . . .	Henzada . . .	...	...	...	...	...	...	...	...
	Grand Total (Copper Ore) for preceding year.	76,631	3	8	43	104	158	...	158
	Difference . . .	+46,918	+1	+3	+169	+372	+565	...	+565

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
For men and slaves.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
ORE— <i>contd.</i>														
32	241	82	56	411	403	814	814	17	30	...	47	35	82	696
41	327	82	56	506	403	909	1,078	20	30	105	155	35	100	1,268
37	200	52	37	386	310	696	807	15	18	57	90	25	115	923
+4	+127	+30	+19	+120	+93	+213	+271	+5	+12	+48	+65	+10	+75	+346
ORE.														
...	...	...	...	...	...	...	723	15	100	184	299	67	366	1,089
...	...	...	9	9	...	9	9	...	...	...	...	...	...	9
...	...	...	9	9	..	9	732	15	100	184	299	67	366	1,096
...	...	...	7	7	..	7	165	11	85	121	217	68	283	448
...	...	...	+2	+2	...	+2	+567	+4	+15	+68	+82	+1	+83	+650

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employe						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
Burma . . .	Northern Shan States.	Tons. 17,146						COPPER Figures included	
	Total of preceding year.	11,303	...	...	...	...	...	...	...
	Difference . . .	+5,843	...	...	...	...	...	...	...
Burma . . .	Northern Shan States.	Tons. 3,150						NICKEL Figures included	
	Total of preceding year.	3,065	...	...	...	...	...	...	...
	Difference . . .	+85	...	...	...	...	...	...	...
Burma . . .	Northern Shan States.	Tons. 57,620						ZINC CON Figures included	
	Total of preceding year.	58,435	...	...	...	...	...	...	...
	Difference . . .	-815	...	...	...	...	...	...	...
Burma . . .	Katha { Rubies Sapphires Spinels	Carats. 25,720	}	}	}	}	}	}	GE ...
		1,566							
		2,784							

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Foremen and Mates.		Open workings.				Females.	Total Males and Females.	Total Underground and Open workings.	Surface.				Females.	Total Males and Females.	Grand Total.
		Males.							Males.						
		Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
MATTE.															
in those for lead ore.															
...
...
SPEISS.															
in those for lead ore.															
...
...
CENTRATES.															
in those for lead ore.															
...
...
MS.															
1	631	20	92	734	...	734	734	6	52	84	142	...	142	876	

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.				Total Males and Females.		
			Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.		Total Males.	Females.
		Cwt.						MI	
Bihar and Orissa.	Gaya	9,150	80	944	308	306	1,698	...	1,698
	Hazaribagh	81,260	348	4,099	512	1,079	6,638	...	6,638
	Monghyr	477	22	138	125	118	398	...	398
	Sambalpur . . . . .	...	2	8	5	...	15	...	15
	Total	40,887	452	5,789	950	1,558	8,749	...	8,749
Madras	Nellore	11,177	82	504	224	539	1,349	...	1,349
	Nilgiris	171	1	12	2	11	26	...	26
	Total	11,348	83	516	226	550	1,375	...	1,375
Rajputana	Ajmer-Marwara	284	23	110	14	13	160	...	160
	Grand Total (Mica) for 1930.	52,519	558	6,415	1,190	2,121	10,284	...	10,284
	Grand Total (Mica) for preceding year.	49,437	537	5,722	1,050	1,907	8,516	1,483	9,999
	Difference	+3,082	+21	+693	+140	+214	+1,768	-1,483	+285

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

F or men and Mates.	Open workings.						Total Underground and Open workings.	Surface.						Grand Total.	
	Males.				Females.	Total Males and Females.		Males.				Females.	Total Males and Females.		
	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervis- ing staff.	Skilled labour.	Unskilled labour.	Total Males.				
CA.															
41	264	69	261	655	277	932	2,630	80	89	70	239	14	253	2,883	
63	850	51	145	1,139	231	1,370	8,008	202	428	625	1,255	541	1,796	9,804	
15	53	19	72	159	21	180	578	32	20	36	88	45	133	711	
...	...	...	...	...	21	21	36	1	3	...	4	...	4	40
119	1,217	139	478	1,958	550	2,508	11,252	315	540	731	1,586	600	2,186	13,438	
46	368	172	294	880	1,004	1,884	3,233	111	151	187	449	541	990	4,223	
...	...	...	...	...	...	...	26	1	5	12	16	3	21	47
46	368	172	294	880	1,004	1,884	3,259	112	156	199	467	544	1,011	4,270	
11	53	6	6	76	80	156	316	4	38	...	42	...	42	358	
176	1,638	317	778	2,909	1,634	4,543	14,827	431	734	900	2,095	1,144	3,239	18,066	
159	1,542	337	539	2,577	1,005	3,582	13,581	431	745	854	2,029	954	2,974	16,555	
+17	+96	-20	+239	+332	+629	+961	+1,246	+10	-11	+76	+75	+190	+265	-1,511	

DIX I—contd.

AND MINERALS—contd.

No. I—contd.

year 1980 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Majes.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervise- ing staff.	Skilled labour.	Unskilled labour.	Total Males.			
LT.														
1	10	...	...	11	...	11	1,018	1	45	230	276	1	277	1,295
...	...	...	...	...	...	...	71	...	...	62	62	...	62	133
...	...	...	...	...	...	...	192	...	5	86	41	...	41	233
1	10	...	...	11	...	11	1,281	1	50	328	379	1	380	1,661
1	9	...	...	10	...	10	1,084	1	56	465	522	1	523	1,607
...	+1	...	...	+1	...	+1	+197	..	-6	-137	-143	...	-143	+54
SITE.														
31	286	...	135	452	292	744	744	16	141	9	166	31	197	941
55	493	...	226	771	596	1,277	1,277	15	115	5	135	22	157	1,434
-21	-204	...	-91	-319	-214	-533	-533	+1	+26	+4	+31	+9	+49	-193
XITE.														
5	80	2	...	87	74	161	161	...	1	4	5	2	7	168
1	13	...	...	14	...	14	14	...	...	15	15	...	15	29
6	93	2	...	101	74	175	175	...	1	19	20	2	22	197
5	97	8	...	105	76	181	181	...	2	10	12	2	14	195
+1	-4	-1	...	-4	-2	-6	-6	...	-1	+9	+8	...	+8	+2

DIX I—*contd.*AND MINERALS—*contd.*No. I—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Matees.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervis- ing staff.	Skilled labour.	Unskilled labour.	Total Males.			
TE—<i>contd.</i>														
2	12	26	23	69	...	69	119	1	10	4	15	...	15	184
82	52	66	25	175	...	175	200	...	...	...	...	...	...	200
34	64	92	46	236	...	236	319	1	10	4	15	...	15	334
70	146	123	98	437	68	505	586	1	10	4	15	...	15	601
50	145	173	96	464	50	514	572	10	2	5	17	...	17	569
+20	+1	-50	+2	-27	+18	-9	+14	-9	+6	-1	-2	...	-2	+12
STONE.														
93	329	56	479	957	108	1,155	1,155	72	77	124	273	18	291	1,416
3	83	2	310	398	...	398	398	1	2	4	7	...	7	403
2	6	26	135	169	80	199	199	1	2	2	5	...	5	204
2	...	2	142	146	...	146	146	...	...	...	...	...	...	146
4	6	23	277	315	30	345	345	1	2	2	5	...	5	350
16	262	5	395	678	616	1,294	1,294	6	23	147	178	40	218	1,512
67	597	97	513	1,274	1,787	3,061	3,061	25	68	96	189	114	303	3,364
...	114	...	...	114	74	188	188	8	...	35	43	23	66	234
4	...	...	29	33	7	40	40	1	...	10	11	...	11	51
87	973	102	937	2,090	2,484	4,583	4,583	42	91	286	421	177	598	5,181

APPEN
STATISTICS OF MINES

Table
Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed						Total Males and Females.
			Underground.						
			Males.					Females.	
			Foremen and Mites.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
Punjab	Attock	Tons. 230,422	LIME	
	Jhelum	72,618	...	...	...	...	...
	Mianwali	580	...	...	...	...	...
	Rawalpindi	48,469	...	...	...	...	...
	Shahpur	11,160	...	...	...	...	...
	Total	363,229	...	...	...	...	...
	Grand Total (Limestone) for 1930	1,143,312	...	...	...	...	...
	Grand Total for preceding year	1,318,647	...	...	...	...	...
	Difference	-170,335	...	...	...	...	...
Bengal	Birbhum	Tons. 77,192	STONE (CHIEFLY IGNEOUS)	
Bihar and Orissa.	Gaya	51,121	...	...	...	...	...
	Monghyr	9,000	...	...	...	...	...
	Sonhal Parganas	292,478	...	...	...	...	...
	Singbhum	94,599	...	...	...	...	...
	Total	451,598	...	...	...	...	...
Bombay	Bombay	91,158	...	...	...	...	...
	Bombay Suburban	26,400	...	...	...	...	...
	Hyderabad	10,555	...	...	...	...	...
	Kaira	3,200	...	...	...	...	...
	Karachi	51,604	...	...	...	...	...
	Nasik	400	...	...	...	...	...
	Saktur	487,952	...	...	...	...	...
Surat	78,493	...	...	...	...	...
Thana	40,431	...	...	...	...	...
	Total	790,193	...	...	...	...	...

DIX I—contd.

AND MINERALS—contd.

No. I—contd.

year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Males.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
STONE—contd.														
52	57	...	317	426	...	426	426	20	8	326	354	...	354	780
7	95	...	...	102	...	102	102	3	4	305	313	...	313	414
Figures	included	...	in those for	Stone	...	...	...	0	4	183	193	...	193	400
13	119	35	40	207	...	207	207	2	...	115	117	22	139	139
...
72	271	35	357	735	...	735	735	31	16	929	976	22	996	1,783
259	1,662	223	2,360	4,504	2,712	7,216	7,216	147	188	1,347	1,632	217	1,899	9,115
252	1,635	165	1,994	4,076	2,336	6,472	6,472	149	202	1,172	1,523	465	1,988	8,460
+7	-3	+55	+366	+428	+316	+744	+744	-2	-14	+175	+159	-246	-89	+655
ROCK)														
1	261	21	10	293	11	304	304	15	57	295	367	83	450	754
34	407	...	...	441	227	668	668	1	...	...	1	...	1	669
16	216	430	80	80	60	140	140	...	...	...	...	...	...	140
14	40	20	92	166	95	261	261	3	...	18	21	6	57	288
66	665	450	878	1,554	444	1,998	1,998	72	265	560	897	292	1,189	3,187
12	47	46	59	164	4	168	168	13	17	93	123	94	217	385
...	...	...	50	50	...	50	50	2	32	61	95	...	95	145
...	...	...	105	105	...	105	105	...	...	...	...	...	...	105
2	...	10	...	12	...	12	12	3	3	50	56	10	66	78
8	10	...	151	169	10	179	179	1	...	10	11	...	11	190
...	...	...	9	9	...	18	18	...	...	...	...	...	...	18
43	116	96	866	1,121	122	1,243	1,243	30	2	50	82	...	82	1,325
5	21	52	209	287	171	458	458	5	...	...	5	...	5	463
7	...	3	134	144	73	217	217	6	...	...	...	...	6	223
77	194	207	1,563	2,061	359	2,450	2,450	60	54	264	378	104	482	2,932

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
		Tons.			STONE (CHIEFLY IGNEOUS)				
Burma	Lower Chindwin	20,205	..	..	..	..	..	..
	Tavoy	7,688	..	..	..	..	..	..
	Thaton	359,068	..	..	..	..	..	..
	Toungoo	8,294	..	..	..	..	..	..
	Total	395,255	..	..	..	..	..	..
Central Provinces.	Chanda	6,090	..	..	..	..	..	..
	Chhindwara	40	..	..	..	..	..	..
	Sangor	1,367	..	..	..	..	..	..
	Total	7,407	..	..	..	..	..	..
Madras	Chingleput	45,230	..	..	..	..	..	..
Punjab	Jhelum	134,592	..	..	..	..	..	..
	Mianwali	58,000	..	..	..	..	..	..
	Bawalpindi	81,180	..	..	..	..	..	..
	Shahpur	8,038	..	..	..	..	..	..
	Sheikhpura	15,822	..	..	..	..	..	..
	Total	297,632	..	..	..	..	..	..
United Provinces.	Allahabad	22,059	..	..	..	..	..	..
	Banda	38,810	..	..	..	..	..	..
	Jhansi	32,188	..	..	..	..	..	..
	Saharanpur	109,933	..	..	..	..	..	..
	Total	202,990	..	..	..	..	..	..
	Grand Total (Stone) for 1930	2,267,497	..	..	..	..	..	..
	Grand Total of preceding year	2,337,336	..	..	..	..	..	..
	Difference	-69,839	..	..	..	..	..	..

DIX I—contd.

AND MINERALS—contd.

No. 1—contd.

year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Males.	Minors.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and super- vising staff.	Skilled labour.	Unskilled labour.	Total Males.			
ROCK) - contd.														
...	...	...	321	321	...	321	321	37	...	...	37	...	37	355
33	1,671	206	154	2,855	...	2,855	2,855	12	19	140	171	...	171	3,026
...	...	...	154	154	...	154	154	...	...	...	...	...	...	154
33	1,671	206	1,570	3,480	...	3,480	3,480	40	19	140	208	...	208	3,688
4	20	...	...	24	20	44	44	...	...	...	...	...	...	44
2	...	...	2	4	4	8	8	...	...	6	6	...	8	22
...	...	50	...	50	...	50	50	...	...	...	...	...	...	50
6	23	50	2	78	24	102	102	...	...	6	6	8	14	116
...	250	...	...	250	...	250	250	8	1	200	209	...	209	459
9	196	1	234	440	48	488	488	3	5	14	22	...	22	510
10	...	...	200	210	15	225	225	...	...	...	...	...	...	225
7	68	...	...	75	...	75	75	7	3	217	227	...	227	302
3	12	...	70	85	...	85	85	...	...	...	...	...	...	85
...	18	...	77	95	...	95	95	3	2	8	12	...	12	107
29	294	1	581	905	63	968	968	12	10	339	261	...	261	1,229
21	45	49	298	413	246	659	659	7	27	16	50	...	50	709
14	32	10	169	225	25	250	250	7	18	54	79	26	105	355
6	359	...	32	359	69	468	468	19	61	167	247	156	383	651
2	27	...	309	398	122	520	520	4	2	223	229	...	229	749
45	463	59	868	1,435	462	1,897	1,897	37	108	460	605	162	767	2,664
257	3,816	994	4,967	10,056	1,393	11,449	11,449	233	514	2,164	2,931	649	3,580	15,029
345	3,256	1,106	5,010	9,817	3,053	12,870	12,870	254	434	1,855	2,543	349	2,892	15,762
-88	+462	-112	-23	+239	-1,660	-1,421	-1,421	-1	+80	+309	+386	+300	+688	-733

DIX I—*contd.*AND MINERALS—*contd.*No. 1—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Open workings.								Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.	Males.					Females.	Total Males and Females.		
Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.			Clorical and supervis- ing staff.		Skilled labour.	Unskilled labour.	Total Males.			Total Males and Females.	
STONE.															
...	5	5	...	5	5	5
8	4	62	254	323	159	487	487	487
8	0	62	254	333	150	492	492	492
...	46	46	...	46	46	46
2	5	10	90	107	...	107	107	1	4	3	8	...	8	115	
2	5	10	136	158	...	153	153	1	4	3	8	...	8	161	
3	23	4	28	57	23	80	80	3	4	10	17	16	33	113	
...	...	5	14	19	11	30	30	2	...	...	2	...	2	32
3	22	9	42	76	34	110	110	5	4	10	19	16	35	145	
18	36	81	432	562	193	755	755	6	8	13	27	16	43	798	
16	203	111	359	719	367	1,086	1,086	18	16	14	38	5	43	1,129	
-3	-167	-30	+43	-157	-174	-331	-331	-12	-8	-1	-11	+11	...	-391	

DIX I—contd.

AND MINERALS—contd.

No. 1—contd.

year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Mateo.	Minors.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
RITE.														
3	211	7	25	246	...	246	246	4	1	4	9	...	9	255
...	...	...	31	31	...	31	31	...	...	...	...	...	...	31
3	211	7	56	277	...	277	277	4	1	4	9	...	9	286
3	44	...	6	53	34	87	87	1	...	3	4	...	4	91
6	255	7	62	330	34	364	364	5	1	7	18	...	13	377
14	314	12	69	409	41	450	450	11	...	4	15	...	15	465
-6	-59	-5	-7	-79	-7	-86	-86	-6	+1	+3	-2	...	-2	-88
VEL.														
ded in those for stone.														
ded in those for stone.														
...
...
...

APPEN
STATISTICS OF MINES

Table
Number of workers and output of minerals during the

Provinces.	District and mineral field.	Total Output.	Average number of persons employed							Total Males and Females.
			Underground.							
			Males.					Females.		
			Foremen and Mates.	Minors.	Other skilled labour.	Other unskilled labour.	Total Males.			
		Tons.								MU
Bihar and Orissa.	Singbhum . . .	2,340								Figures included in those for
Bombay	Bombay Suburban	828,246	...	...	...	...	...	...	...
	Thana . . .	17,064								Figures included in those for
	Total . . .	845,310	...	...	...	...	...	...	...
United Provinces.	Allahabad . . .	552	...	...	...	...	...	...		Figures included in those for
	Grand Total (Muram) for 1930.	846,202	...	...	...	...	...	...	...
	Grand Total for preceding year.	1,135,794	...	...	...	...	...	...	...
	Difference . . .	-287,592	...	...	...	...	...	...	...
Bengal . . .	Burdwan . . .	9,035	...	...	...	...	...	...	...	FIR
Bihar and Orissa.	Bhagalpore . . .	60	...	4	4	...	8	...	8	
	Maubhum . . .	5,426	...	...	...	...	...	...	...
	Palaman . . .	8,115	...	...	...	...	...	...	...
	Sambalpur . . .	6,950	...	...	...	...	...	...	...
	Total . . .	20,551	...	4	4	...	8	...	8	

DIX I—*contd.*AND MINERALS—*contd.*No. 1—*contd.*year 1930 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
RUM.														
Stone.														
24	...	...	762	786	437	1,223	1,223	4	51	9	64	1	65	1,288
Stone.														
24	...	...	762	786	437	1,223	1,223	4	51	9	64	1	65	1,288
St. no.														
24	...	...	762	786	437	1,223	1,223	4	51	9	64	1	65	1,288
50	4	60	864	978	468	1,446	1,446	5	48	11	64	...	64	1,510
—26	—4	—60	—102	—192	—31	—223	—223	—1	+3	—2	...	+1	+1	—222
CLAY.														
...	80	24	...	113	21	134	134	9	...	...	9	4	13	147
...	...	...	...	...	2	2	10	...	4	...	4	2	6	16
3	57	...	17	77	6	83	83	1	2	37	40	16	56	130
1	16	4	...	21	15	37	37	1	14	12	27	7	34	71
3	45	...	2	50	7	57	57	2	2	11	15	19	34	91
7	118	4	19	148	31	179	187	4	22	60	86	44	130	317

APPEN
STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and Mineral field.	Total Output.	Average number of persons employed						Total Males and Females.
			Underground.						
			Males.					Females.	
			Foremen and Assistants.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
Central Provinces.	Jubbulpore . . .	Tons. 32,323	...	...	...	...	...	FIRE ...
	Grand Total (Fire Clay) for 1930.	61,909	...	4	4	...	8	...	
	Grand Total for preceding year.	73,505	...	3	9	...	12	9	
	Difference . . .	-11,596	...	+1	-5	...	-4	-9	
Bihar and Orissa.	Bhagalpur . . .	434	...	...	...	...	...	CHINA ...
	Singhbhum . . .	9,212	...	...	...	...	...	...
	Total . . .	9,646	...	...	...	...	...	...
	Delhi . . .	Delhi . . .	3,664	...	32	...	14	46	...
Rajputana . . .	Ajmer-Merwara . . .	2	1	...	...	3	4	...
	Grand Total (China Clay) for 1930.	13,512	1	32	...	17	50	...	
	Grand Total for preceding year.	11,723	3	14	...	7	24	6	
	Difference . . .	+1,784	-2	+18	...	+10	+26	-6	

DIX I—*contd.*AND MINERALS—*contd.*No. 1—*contd.*year 1980 at mines under the Indian Mines Act—*contd.*

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.
Males.					Females.	Total Males and Females.		Males.				Females.	Total Males and Females.	
Foremen and Matos.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.				Clerical and supervising staff.	Skilled labour.	Unskilled labour.	Total Males.			
CLAY—<i>contd.</i>														
6	6	6	101	119	211	330	330	2	1	49	43	11	54	384
13	213	34	120	380	263	643	651	15	23	100	138	59	197	848
16	197	32	179	424	350	774	795	8	16	156	180	69	249	1,044
-3	+16	+2	-59	-44	-67	-131	-144	+7	-7	-56	-42	-10	-52	-196
CLAY.														
1	...	...	22	23	10	33	33	1	...	...	1	...	1	3
10	116	3	40	169	210	379	379	16	25	41	82	65	147	526
11	116	3	62	192	220	412	412	17	25	41	83	65	148	560
...	...	...	...	...	...	...	46	1	...	8	9	...	9	55
...	...	...	...	...	...	...	4	...	...	...	...	...	...	4
11	116	3	62	193	220	412	462	18	25	49	92	65	157	619
18	69	14	128	227	231	458	468	23	29	81	133	133	266	754
-7	+47	-11	-64	-35	-11	-46	-26	-5	-4	-32	-41	-68	-109	-135

STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Miners.	Other skilled labour.	Other unskilled labour.	Total Males.		
		Tons.							CL
Bengal . . .	Burdwan . . .	14,439	...	...	...	...	...	...	...
Central Provinces.	Jubbulpore . . .	10,318	...	...	...	...	...	...	...
Punjab . . .	Attock . . .	4,213	Figures included in those						
	Grand Total (Clay) for 1930.	28,970	...	...	...	...	...	...	...
	Grand Total for preceding year.	124,531	...	...	...	...	...	...	...
	Difference	-95,561	...	...	...	...	...	...	...
Madras . . .	Kurnool	1,398	...	...	...	...	...	...	BARY
	Total for preceding year.	802	...	10	4	8	22	...	22
	Difference	+596	...	-10	-4	-8	-22	...	-22

DIX I—contd.

AND MINERALS—contd.

No. 1—contd.

year 1930 at mines under the Indian Mines Act—contd.

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.						Grand Total.	
Males.					Females.	Total Males and Females.		Males.					Females.		Total Males and Females.
Foreman and Matos.	Miners.	Other Skilled labour.	Other unskilled labour.	Total Males.				Clerical and super- vising staff.	Skilled labour.	Unskilled labour.	Total Males.				
AY.															
...	31	...	8	39	27	66	66	...	...	...	...	...	...	66
8	15	...	10	28	27	55	55	1	...	...	1	...	1	56
for Limestone.															
8	46	...	16	67	51	121	121	1	...	...	1	...	1	122
9	50	8	...	61	66	127	127	2	...	8	10	...	10	137	
...	-4	-8	+18	+6	-12	-6	-6	1	...	-8	-9	...	-9	-15	
TES.															
...	70	...	121	200	49	249	249	...	...	...	...	...	...	249
...	20	16	18	54	...	54	76	...	4	7	11	...	11	87	
...	+59	-16	+103	+146	+49	+195	+173	...	-4	-7	-11	...	-11	+62	

APPEN
STATISTICS OF MINES

Table

Number of workers and output of minerals during the

Province.	District and mineral field.	Total Output.	Average number of persons employed						
			Underground.						
			Males.					Females.	Total Males and Females.
			Foremen and Mates.	Minors.	Other skilled labour.	Other unskilled labour.	Total Males.		
Rajputana	Ajmer Merwara	Nil	...	...	...	...	...	...	BER
	Total for preceding year.	Nil	...	...	...	...	...	...	...
	Difference	...	...	...	...	...	...	...	...
Burma	Tavoy	cwt. 1	...	...	...	Figures included in those			
	Total for preceding year.	lbs. 88	...	...	...	...	...	...	BIS
	Difference	+24	...	...	...	...	...	...	...
Rajputana	Ajmer-Merwara	Tons 39	1	...	...	7	8	...	FELDS 8
	Total of preceding year	...	...	...	...	...	...	...	...
	Difference	+39	+1	...	...	+7	+8	...	+8
	Grand Total (Metaliferous Mines) for 1930.	...	828	12,492	1,909	4,755	19,984	397	20,381
	Grand Total for preceding year.	...	794	11,263	1,860	3,897	17,834	2,209	20,043
	Difference	...	+34	+1,209	+49	+858	+2,150	-1,812	+338
	Grand Total (all Mines) for 1930.	...	...	...	...	...	101,649	16,684	120,333
	Grand Total for preceding year.	...	...	...	...	...	92,856	24,069	116,945
	Difference	...	...	...	...	...	+8,793	-5,405	+3,388

DIX I—*contd.*AND MINERALS—*concl'd.*No. 1—*concl'd.*year 1930 at mines under the Indian Mines Act—*concl'd.*

daily in and about the mines.

Open workings.							Total Underground and Open workings.	Surface.					Grand Total.	
Males.				Females.	Total Males and Females.	Males.				Females.	Total Males and Females.			
Foremen and Matos.	Miners.	Other skilled labour.	Other unskilled labour.			Total Males.		Clerical and supervis- ing staff.	Skilled labour.			Unskilled labour.		Total Males.
YL.	...	7	...	7	...	7	7	...	...	...	...	...	7
...	...	6	...	6	...	6	6	...	...	...	...	...	6
...	...	+1	...	+1	...	+1	+1	...	...	...	...	...	+1
MUTH. for Tin.	...	...	...	...	...	...	...	...	...	...	...	...	...
...	
PAR	...	...	...	...	...	...	8	...	...	...	...	...	8
...	
...	...	...	...	...	...	...	+8	...	...	...	...	...	+8
1,511	31,348	3,108	13,282	39,244	15,559	54,803	75,184	1,531	2,888	8,982	13,401	4,081	17,482	92,666
1,571	24,209	4,092	13,180	43,442	20,783	64,225	84,268	1,707	3,046	9,835	14,588	5,187	19,775	104,043
-360	-2,951	-980	+102	-4,198	-5,224	-9,422	-9,084	-176	-158	-853	-1,187	-1,100	-2,293	-11,377
...	50,396	21,186	71,582	191,915	52,709	17,043	69,752	261,667
...	54,235	28,728	82,963	199,908	51,954	17,839	69,793	269,701
...	-3,539	-7,842	-11,381	-7,993	+755	-796	-41	-8,084

DIX I—contd.

No. 2.

each important mining field during the year 1930.

Overmen and Sirdars. Foremen and Mates.	Open workings.					Surface.			
	Miners.	Loaders.	Skilled Labour.	Unskilled Labour.	Females.	Clerical and Supervising Staff.	Skilled Labour.	Unskilled Labour.	Females.
47	44	40	47	47	44	52	51	50	49
46	46	47	48	49	48	53	51	51	48
48	44	44	45	46	45	50	48	50	49
55	48	54	54	55	54	56	57	56	57
...	...	...	...	...	...	42	44	42	18
...	...	...	...	...	...	43	46	37	36
...	48	...	...	...	...	53	52	52	51
44	45	...	45	45	42	48	46	48	47
45	45	...	45	46	44	46	44	44	44
48	46	...	49	48	46	51	47	48	47
51	49	...	50	49	48	51	50	52	48
49	49	...	50	46	47	45	46	44	47
47	47	...	46	47	44	48	47	47	44
48	...	...	...	48	...	54	49	49	...
51	48	...	50	48	46	47	48	49	48
48	48	...	...	...	...	48	43	45	48
44	42	...	48	44	44	46	43	43	43
52	48	...	52	52	...	48	48	48	...
45	44	...	43	44	44	47	43	43	42

Table

Analysis of figures relating to

Province.	Coalfield.	Coal.					
		Opening stock.	Raisings.	Total.	Despatches.	Colliery consumption.	Coal delivered for coking.
		Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Assam	Makum . . . . .	...	307,414	307,414	287,437	17,607	2,370
	Nazim	54	50,621	50,675	47,678	1,609	...
Baluchistan	Baluchistan	1,252	11,301	12,553	11,087	141	...
Bengal (and part of Bihar and Orissa).	Raniganj	154,159	7,218,691	7,372,850	6,484,252	522,910	75,553
Bihar and Orissa.	Jharia	633,872	10,753,858	11,387,730	9,051,566	614,117	1,077,215
	Bokaro	860	2,160,249	2,161,109	2,093,006	48,619	18,126
	Karanpura	3,072	482,141	485,213	469,401	14,408	...
	Giridih	17,394	613,533	630,927	573,344	35,936	...
	Jainty	1,548	43,580	45,128	31,199	18,412	...
	Daltonganj . . . . .	...	1,569	1,569	...	1,569	...
	Hutar	115	195	310	109	100	...
	Hingir-Rampur	631	37,719	38,400	28,426	9,270	...
Central Provinces.	Ponoh Valley	7,222	740,391	747,613	704,688	32,914	...
	Chanda	6,437	211,980	218,417	187,642	21,525	...
Punjab	Salt Range	2,727	50,619	53,346	48,090	1,318	...
	Total 1930	829,386	22,683,361	23,512,749	20,018,525	1,335,455	1,173,263

LIX 1—contd.

No. 3.

output of Coal and Coke, 1930.

Coal des- patched to coke fac- tories.	Closing stocks.	Coke.									
		Opening stocks.		Coke made.		Despatches.		Colliery con- sumption.		Closing stocks.	
		Hard.	Soft.	Hard.	Soft.	Hard.	Soft.	Hard.	Soft.	Hard.	Soft.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
...	...	...	...	790	...	755	...	35	...	...	...
...	1,388	...	...	...	...	...	...	...	...	...	...
...	1,825	...	...	...	...	...	...	...	...	...	...
...	290,136	26	1,310	266	55,980	268	55,526	...	1,903	24	761
1,391,941	644,832	3,598	6,915	59,256	668,250	56,541	684,669	493	1,828	4,820	8,668
12,221	1,358	2	2	5,020	5,391	4,023	5,369	37	24	12	...
...	1,404	...	...	...	...	...	...	...	...	...	...
42,803	21,647	...	...	...	...	...	...	...	...	...	...
...	512	...	...	...	...	...	...	...	...	...	...
...
...	101	...	...	...	...	...	...	...	...	...	...
...	704	...	...	...	...	...	...	...	...	...	...
...	10,011	...	...	...	...	...	...	...	...	...	...
...	9,450	...	...	...	...	...	...	...	...	...	...
...	3,338	...	...	...	...	...	...	...	...	...	...
1,446,555	966,006	2,626	8,227	65,332	740,621	62,487	745,564	615	2,855	4,856	9,429

APPENDIX I—contd.

Table No. 4.

Number of mines opened, closed and inspected, during the year 1930.

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
COAL.								
Assam . . .	Makum Coalfield	7	6	1	...	...	6	15
	Nazira „	2	1	1	1	1	1	5
Baluchistan . .	Baluchistan Coalfield	12	...	12	3	1	...	...
Bengal (and part of Bihar and Orissa).	Raniganj Coalfield	208	164	44	23	14	191	619
Bihar and Orissa.	Jharia Coalfield	254	174	80	27	33	263	932
	Bokaro „	5	5	...	...	...	5	24
	Karanpura Coalfield	4	3	1	...	1	3	14
	Giridih Coalfield	9	6	3	2	2	7	23
	Jainty „	4	1	3	...	...	1	2
	Daltonganj Coalfield	1	1	...	...	...	1	1
	Hutar Coalfield	1	...	1	1	1	...	...
	Hingir-Rampur Coalfield	1	1	...	...	...	1	1
Central Provinces.	Pench Valley Coalfield	18	18	5	2	4	17	40
	Chanda Coalfield	6	6	...	...	...	1	2

APPENDIX I—*contd.*Table No. 4—*contd.*Number of mines opened, closed and inspected, during the year 1930—*contd.*

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
COAL—<i>contd.</i>								
Punjab . . .	Salt Range Coalfield . . .	17	...	17	4	4	18	20
	Grand Total (Coal) for 1930 .	549	381	168	68	61	515	1,709
	Grand Total of preceding year.	548	382	166	70	52	537	1,820
	Difference .	+1	-1	+2	-7	+9	-22	-111
IRON ORE.								
Bihar and Orissa	Singhbhum	6	...	6	...	1	5	13
Burma . . . . .	... . . . .	4	...	4	...	...	1	1
	Grand Total (Iron ore) for 1930	10	...	10	...	1	6	14
	Grand Total of preceding year.	13	3	10	...	2	6	8
	Difference .	-3	-3	...	...	-1	...	+6
MANGANESE ORE.								
Bihar and Orissa	Singhbhum	10	...	10	4	4	5	5
Bombay . . . . .	... . . . .	8	1	7	1	1	6	7

APPENDIX I—*contd.*Table No. 4—*contd.*Number of mines opened, closed and inspected, during the year 1930—*contd.*

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
MANGANESE ORE—<i>contd.</i>								
Central Provinces.	...	54	7	47	...	31	27	39
Madras	...	10	1	9	3	7	2	2
	Grand Total (Manganese Ore) for 1930.	82	9	73	8	43	40	53
	Grand Total of preceding year.	125	11	114	13	40	60	96
	Difference	-43	-2	-41	-5	+3	-40	-43
LEAD ORE.								
Burma	Shan States	5	8	2	2	3	5	16
	Total of preceding year	4	3	1	1	...	4	20
	Difference	+1	...	+1	+1	+3	+1	-8
GOLD.								
Bihar and Orissa	...	2	...	2	1	...	...	...
	Total of preceding year	1	...	1	...	...	1	1
	Difference	+1	...	+1	+1	...	-1	-1

APPENDIX I—*contd.*Table No. 4—*contd.*Number of mines opened, closed and inspected, during the year 1930—*contd.*

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
MAGNESITE.								
Madras . . .	Salem	5	..	5	..	3	1	2
	Total of preceding year	5	..	5	1	..	..	..
	Difference	..	..	..	-1	+3	+1	+2
BAUXITE.								
Bombay . . .	Kaira	1	..	1	..	1	..	..
Central Provinces.	.. . . .	1	..	1	..	1	..	..
	Grand Total (Bauxite) for 1930	2	..	2	..	2	..	..
	Grand Total of preceding year	1	..	1	..	..	1	1
	Difference	+1	..	+1	..	+2	-1	-1
STEATITE.								
Bihar and Orissa.	Singhbhum	3	..	3	..	..	1	1
Central Provinces.	Jubbulpore	7	..	7	3	3	3	3
Madras . . .	Nellore	1	..	1	..	..	1	1
Rajputana	Ajmer-Merwara	1	..	1	1	1	..	..
United Provinces.	Hamirpur	5	..	5	2	4	..	..
	Grand Total (Steatite) for 1930	17	..	17	6	8	5	5
	Grand Total of preceding year	29	..	29	13	19	19	20
	Difference	-12	..	-12	-7	-11	-14	-15

APPENDIX I—contd.

Table No. 4—contd.

Number of mines opened, closed and inspected, during the year 1930—contd.

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
SLATE.								
Bihar and Orissa.	...	8	...	8	1	5	9	9
Punjab	...	11	...	11	4	...	6	11
	Grand Total (Slate) for 1930	19	...	19	5	5	15	20
	Grand Total of preceding year	13	...	13	2	2	5	5
	Difference	+6	...	+6	+3	+3	+10	+15
LIMESTONE.								
Bihar and Orissa.	Shahabad	9	1	8	1	1	7	9
Bombay	Sakur	1	...	1	...	...	...	...
Burma	...	4	...	4	1	...	3	4
Central Provinces.	...	19	2	17	2	6	10	12
Punjab	...	7	1	6	1	2	8	13
	Grand Total (Limestone) for 1930.	40	4	36	5	9	26	38
	Grand Total of preceding year	43	3	40	6	6	27	29
	Difference	-3	+1	-4	-3	+3	+1	+9

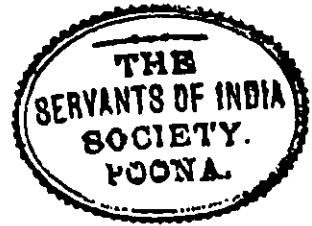


Table No. 4—contd.

Number of mines opened, closed and inspected, during the year 1930—contd.

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
IGNEOUS ROCK.								
Bengal	Birbhum	4	1	3	...	...	4	4
Bihar and Orissa.	... . . . .	62	...	62	12	14	56	72
Bombay . . . . .	... . . . .	25	...	25	5	4	29	41
Burma . . . . .	... . . . .	17	...	17	2	3	23	28
Central Provinces.	... . . . .	3	...	3	2	1	1	1
Madras . . . . .	... . . . .	1	...	1	1	...	...	...
Punjab . . . . .	... . . . .	12	...	12	..	...	9	10
United Provinces.	... . . . .	20	...	20	1	3	1	1
	Grand Total (Stone) for 1930	144	1	143	23	25	128	161
	Grand Total of preceding year .	160	1	159	55	31	49	53
	Difference	-16	...	-16	-32	-6	+73	+107
LATERITE.								
Burma . . . . .	... . . . .	2	...	2	...	...	...	...
Central Provinces.	Jubbulpore	2	...	2	...	...	2	3
	Grand Total (Laterite) for 1930	4	...	4	...	..	2	2
	Grand Total of preceding year .	5	...	5	2	1	...	...
	Difference	-1	...	-1	-2	-1	+2	+2

APPENDIX I—*contd.*Table No. 4—*contd.*Number of mines opened, closed and inspected, during the year 1930—*contd.*

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
SANDSTONE.								
Bihar and Orissa.	...	5	...	5	2	1	4	4
Burma	...	2	...	2	...	...	..	...
United Provinces.	...	5	...	5	...	1	...	...
	Grand Total (Sandstone) for 1930.	12	...	12	2	2	4	4
	Grand Total of preceding year.	16	...	16	3	4	15	20
	Difference	-4	...	-4	-1	-2	-11	-16
MURUM.								
Bombay	...	2	...	2	...	1	...	...
	Total of preceding year	2	...	2	...	...	1	1
	Difference	...	...	...	...	+1	-1	-1
FIRE CLAY.								
Bengal	Bardwan	2	...	2	...	1	...	...
Bihar and Orissa.	...	5	1	4	...	2	1	1
Central Provinces.	...	4	1	3	...	...	4	4
	Grand Total (Fire Clay) for 1930	11	2	9	...	3	5	5
	Grand Total of preceding year.	14	2	12	3	3	8	8
	Difference	-3	...	-3	-3	...	-3	-3

APPENDIX I—contd.

Table No. 4—contd.

Number of mines opened, closed and inspected, during the year 1930—contd.

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.		
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.	
Bihar and Orissa.	...	5	...	CHINA CLAY.				7	
				5	...	...	
Delhi	...	3	...	3	2	3	6	6	
Rajputana	...	1	...	1	1	...	1	1	
	Grand Total (China clay) for 1930.	9	...	9	3	3	14	14	
	Grand Total of preceding year.	7	...	7	1	2	6	6	
	Difference	+2	...	+2	+2	+1	+8	+8	
Bengal	Burdwan	1	1	...	CLAY.				...
							
Central Provinces.	Jubbulpore	1	...	1	...	...	2	2
	Grand Total (Clay) for 1930	2	1	1	...	...	2	2
	Grand Total of preceding year	2	1	1	...	...	2	3
	Difference	...	...	...	...	...	...	-1
Central Provinces.	Chanda	2	...	OCHRE.				...	
				2	1	1			
Rajputana	Ajmer-Merwara	1	...	1	1	...	...	...
	Grand Total (Ochre) for 1930	3	...	3	2	1	...	...
	Grand Total of preceding year.	2	...	2	...	1	...	...
	Difference	+1	...	+1	+2	...	...	...

APPENDIX I—contd.

Table No. 4—contd.

Number of mines opened, closed and inspected, during the year 1930—contd.

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under mechanical power.	Not worked by mechanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
BARYTES.								
Madras . . .	Kurnool	15	...	15	13	9	...	...
—	Total of preceding year	7	...	7	5	5	...	...
	Difference	+8	...	+8	+8	+4	...	...
APATITE.								
Bihar and Orissa.	Singbhum	1	...	1	...	1	1	1
Madras	Trichinopoly	1	...	1	...	...	...	...
	Grand Total (Apatite) for 1930	2	...	2	...	1	1	1
	Grand Total of preceding year	2	...	2	1	1	1	1
	Difference . . . . .	...	...	...	-1	...	...	...
ASBESTOS.								
Madras	Cuddapah	1	...	1	...	1	...	...
	Total of preceding year	1	...	1	...	...	...	...
	Difference . . . . .	...	...	...	...	+1	...	...

APPENDIX I—*contd.*Table No. 4—*concl'd.*Number of mines opened, closed and inspected, during the year 1930—*concl'd.*

PROVINCE.	District and mineral field.	Number of mines under the scope of the Act.	NUMBER OF MINES.				INSPECTIONS.	
			Worked under me- chanical power.	Not worked by me- chanical power.	Opened during the year.	Closed during the year.	Number of mines inspected.	Number of inspections.
Bihar and Orissa.	Singbhum	1	KYANITE.				1	1
			1	..	..	..
	Total of preceding year	2	1	1	..	1	1	1
	Difference	-1	..	-1	..	-1	..	..
Madras	Salem	1	CORUNDUM.				1	1
			..	1	..	1	1	1
	Total of preceding year	3	..	3	2	1	..	..
	Difference	-2	..	-2	-2	..	+1	+1
Rajputana	Ajmer-Merwara	1	BERYL.				..	..
			..	1	1	1	..	..
	Total of preceding year	1	..	1	1	1	..	..
	Difference . . . . .	..	..	..	..	..	..
Rajputana	Ajmer-Marwara	1	FELDSPAR.				..	..
			..	1	1	..	..	..
	Total of preceding year . . . . .	..	..	..	..	..	..	..
	Difference	+1	..	+1	+1	..	..
	Grand Total (Metalliferous Mines).	1,120	66	1,054	288	371	443	553
	Grand Total of preceding year.	1,184	70	1,114	369	387	479	568
	Difference	-64	-4	-60	-83	+34	-36	-16
	Grand Total (All Minerals)	1,609	447	1,222	340	432	958	2,261
	Grand Total of preceding year.	1,732	452	1,280	439	360	1,016	2,368
	Difference	-63	-5	-58	-90	+43	-58	-127

APPENDIX I—contd.

Table No. 5.

The following table shows the fluctuations in the output of the principal minerals raised from mines classed under the Indian Mines Act. The other minerals raised are gems, slate, magnesite, steatite, clay, bauxite, fuller's earth, ochre, barytes, apatite, asbestos, corundum and stone.

Year.	Coal.	Manganese ore.	Mica.	Limestone.	Salt.	Gold.	Copper ore.	Wolfram ore.	Iron ore.	Chromite ore.	Tin ore.	Lead ore.	Silver.
	Tons.	Tons.	Cwts.	Tons.	Tons.	Troyozs.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Troy ozs.
1921	18,358,934	284,354	29,470	124,252	123,084	10,168	32,500	884	266,190	27,737	1,032	144,089	3,655,630
1922	18,168,988	391,332	30,089	140,507	187,187	8,368	30,704	942	240,383	19,005	1,080	172,018	4,300,133
1923	19,763,967	646,378	31,605	236,161	113,700	1,510	6,550	672	292,033	25,333	1,021	245,925	4,844,042
1924	20,256,034	609,331	40,529	513,338	159,918	3,846	38	730	430,865	37,850	1,027	310,286	5,267,960
1925	19,969,041	710,347	45,383	614,232	125,360	28	...	772	579,376	21,230	2,307	321,854	4,681,569
1926	20,093,024	657,099	41,451	627,222	122,801	1,053	9,608	751	600,363	16,455	3,509	302,904	5,103,705
1927	21,108,976	878,521	42,061	1,132,236	145,311	2,395	5,010	530	1,068,291	17,060	2,656	450,777	6,004,566
1928	21,515,796	716,620	44,029	1,404,578	145,643	7	18,055	622	1,300,754	17,167	2,777	443,054	7,404,728
1929	22,308,174	750,908	40,437	1,318,647	148,496	3	70,831	1,061	1,430,385	21,054	3,384	404,691	7,280,517
1930	22,683,861	923,078	55,510	1,143,312	147,276	30	123,740	1,600	1,132,893	30,488	3,001	530,119	7,054,206

Table No. 6.

The following table shows the amount of coal raised, the average number of persons working daily and the death-rates during the years 1921 to 1930 in respect of coal mines under the Indian Mines Act :—

Year.	Amount of coal raised.	Average number of persons working daily below and above ground.	Number of deaths below and above ground.	Death-rates.	
				Per 1,000,000 tons raised.	Per 1,000 persons working daily below and above ground.
1921	18,358,934	190,647	257	13.99	1.36
1922	18,168,988	184,355	200	11.50	1.13
1923	19,763,967	182,601	392	17.69	1.83
1924	20,256,034	187,088	230	11.35	1.23
1925	19,969,041	173,140	186	9.31	1.07
1926	20,093,024	170,628	171	8.51	1.0
1927	21,108,976	165,213	181	8.67	1.10
1928	21,515,796	164,139	218	10.13	1.33
1929	22,308,174	165,658	194	8.70	1.17
1930	22,683,861	169,601	211	9.30	1.25

APPENDIX I—contd.

Table No. 7.

Aggregate horse power and purpose for use of electric motors installed both on surface and underground at coal mines under the Indian Mines Act.

Coalfield.	Horse power on surface.					Horse power below ground.					Total horse power of motors installed.	
	Winding.	Ventilation.	Haulage.	Coal washing or screening.	Miscellaneous.	Total.	Haulage.	Pumping.	Portable machinery.	Miscellaneous.		Total.
Assam . . . . .	...	67	180	7	58	312	60	...	...	...	60	372
Bokaro	725	250	250	137	852	2,214	205	833	105	120	1,263	3,477
Central Provinces . . . . .	...	...	...	...	2	2	40	175	60	2	280	282
Giridih	45	310	...	120	498	1,033	635	2,527	106	2	3,270	4,303
Jharia	2,970	765	1,967	844	3,752	10,298	7,261	17,432	3,941	1,053	29,687	39,985
Karampura . . . . .	...	...	750	65	303	1,118	...	347	58	...	405	1,523
Raigarh	2,123	1,200	535	655	470	5,383	5,854	11,503	3,701	77	21,135	26,518
Total	6,263	2,652	3,682	1,828	5,935	20,360	14,055	32,820	7,971	1,254	56,100	76,460

Table No. 8.

Number of Mines under the Indian Mines Act, where electric power is used, and the aggregate horse power of electric motors installed.

Province.	Minerals worked.						Total horse power of motors installed.
	Coal.		Silver-Lead.		Sundry Minerals.		
	Number of mines.	Horse power.	Number of mines.	Horse power.	Number of mines.	Horse power.	
Assam	3	372	...	...	...	...	372
Bengal	50	22,630	...	...	1	50	22,680
Bihar and Orissa	6	53,176	...	...	4	2,286	55,462
Bombay . . . . .	...	..	...	...	2	248	1248
Burma . . . . .	...	...	2	3,807	5	2,325	6,132
Central Provinces	1	282	...	...	6	432	704
Madras . . . . .	...	...	...	...	1	224	224
Punjab . . . . .	...	...	...	...	1	755	755
Total	119	76,460	2	3,807	20	6,310	86,577

APPENDIX I—*contd.*

Table No. 9.

Number and type of coal-cutting machines at work in Coal Mines under the Indian Mines Act.

Name of machine.	British.	American.	Chain.	Bar.	Percussive.	Power.			Total number of machines.
						Electricity.		Compressed air.	
						A. C.	D. C.		
Anderson Boyes . . .	2	...	2	...	...	2	...	...	2
Goodman . . . . .	...	80	80	...	...	52	25	...	80
Hardiax	2	...	...	...	2	...	...	2	2
Hardy	9	...	...	...	9	9	...	...	9
Mavor and Coulson . .	90	...	27	63	...	82	1	7	90
Siskol	2	...	...	...	2	...	...	2	2
Sullivan . . . . .	...	17	17	...	...	17	...	...	17
Total	105	97	126	63	18	162	29	11	202

Jharia coalfield 93 machines

Raniganj coalfield 98 "

Bokaro coalfield 4 "

Karanpura coalfield 3 "

Central Provinces coalfield 4 "

Total number of square feet undercut 11,170,355.

Table No. 10.

Number of mechanical ventilators in use at Coal Mines under the Indian Mines Act.

Assam.	Bengal.	Bihar and Orissa.	Central Provinces.	Total.
12	28	39	9	88

Table No. 11.

Number of safety lamps in use at Coal Mines under the Indian Mines Act.

Assam.	Baluchistan.	Bengal.	Bihar and Orissa.	Central Provinces.	Punjab.	Total.
2,326	8	10,946	9,368	2	4	22,654

1,378 were locked by screws, 8,037 by lead rivets, and 13,239 by magnetic means.

APPENDIX I—*conold.*

Table No. 12.

Statement of explosives used during the year 1930 at mines under the Indian Mines Act.

Name of explosives.	Quantity of explosives used, in lb., in:—								
	Coal mines.	Mica mines.	Manga- nese mines.	Lead ore mines.	Tin and Woolfram ore mines.	Lime- stone mines.	Stone mines.	Other mines.	Total.
Dynamite . . .	182,314	115,794	11,522	...	5,946	4,158	41,744	45,949	407,427
Gelignite . . .	100,769	17,958	96,714	197,969	8,798	9,600	31,182	183,579	626,599
Monobel . . .	104,456	...	...	...	...	...	...	...	104,456
Stonobel . . .	97,749	...	...	...	...	...	...	...	97,749
Rockite . . .	2,880	...	...	...	...	...	...	...	2,880
Bobbinite . . .	960	...	...	...	...	...	...	...	960
Pranoda . . .	40	...	...	...	...	...	...	...	40
Gunpowder . . .	2,832,627	11,153	66,011	..	...	219,743	297,969	173,938	3,601,441
Compressed gunpowder.	12,010	...	208	...	...	...	...	...	12,218
Number of detonators used.	1,399,804	1,032,200	619,283	417,637	119,341	40,282	233,060	547,228	4,392,895

APPENDIX II.
ACCIDENTS IN MINES.

Table No. 1.

Fatal Accidents during the year 1930.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
EXPLOSIONS AND IGNITIONS OF FIRE-DAMP—(12 deaths).						
1	8th April, 12-30 P.M.	Ratibaty mine, Kalipahari P. O., Bengal.	Ratibaty Collieries, Ld.	K. Dutt, (m.), 48, <i>Manager.</i>	Coal	In a mine in which inflammable gas had never before been detected the manager and two overmen went into a level gallery driven 220 feet in advance of the ventilation to examine a fault. The gallery had been fenced off for several months. They ignited an accumulation of fire-damp and were severely burned. The manager died the following day. Inspection and inquiry made.
2	2nd June, 9-30 A.M.	Choitodih mine, Katraigarh P. O., Bihar and Orissa.	Tata Iron & Steel Co., Ld.	F. Moore, (m.), 38, <i>Engineer.</i>	Coal	Deceased was proceeding along a stone drift over 300 feet long and rising at 1 in 5, driven through a fault, and when near the back, he ignited an accumulation of fire-damp with his open light. He sustained severe burns to which he succumbed a few hours later. An overman who accompanied deceased was severely burnt. Inspection and inquiry made.
3	20th July, 5-15 A.M.	Jarangdih mine, Bokaro P. O., Bihar and Orissa.	Bombay, Baroda and Central India Railway, and Madras and Southern Mar- hatta Railway.	Parneshwar, (m.), 25, <i>Labourer.</i> Doorswamy, (m.), 55, <i>Bankman.</i> Annamata, (m.), 45, <i>Pit head super- visor.</i>	Coal	An ignition of fire-damp occurred at the top of the upcast shaft and was propagated to the bottom. Three persons at the top of the shaft were fatally burnt, and four others in the workings near the bottom of the shaft were knocked down and seriously injured by the force of the blast. Inspection and inquiry made.

4	14th October, 10-30 P.M.	Dishergarh West mine, Dishergarh P. O., Bengal.	Equitable Coal Co., Ld.	Budhan Singh, (m.), 35, <i>Shot-firer.</i> Akloo Singh, (m.), 28, <i>Assistant Shot-</i> <i>firer.</i> Moti Dome, (m.), 25, <i>Coal-cutter</i> <i>driver.</i> Souman Singh, (m.), 25; Bira Manjhi, (m.), 25, <i>Machinemen.</i> Rasoo Ashato, (m.), 23, <i>Haulage engine</i> <i>driver.</i>	Coal	A "blown out" shot of stonohel ignited an accumulation of fire-damp in an underground gallery, and the explosion which ensued extended to a distance of 400 feet and was augmented by inflammation of coal dust. Six persons sustained severe burns from which they subsequently died. The presence of the fire-damp had been detected and the gallery had been fenced off two days previously. In spite of this the shot-firer fired a shot or shots in the gallery. Inspection and inquiry made.
5	19th December, 12-30 P.M.	Ramnagar mine, Kulti P. O., Bengal.	Bengal Iron Co., Ld.	Kartick Banri, (m.), 30, <i>Coal-cutter.</i>	Coal	In an underground gallery in a gassy mine a miner lighted a match and caused an ignition of fire-damp. He was severely burnt and died a few days later. Inspection and inquiry made.
FALLS OF ROOF AND SIDES.						
(a) Falls of roof—(50 deaths).						
6	8th January, 3 A.M.	Jharia Khas (Angar- pathra) mine, Sijua P. O., Bihar and Orissa.	Triguuait Brothers	Chitamon Bhuiya, (m.), 32, <i>Coal-cutter.</i>	Coal	During the extraction of a pillar a mass of coal, 12' x 7' x 2' 6", fell from a pronounced "slip" at a height of 10 feet. In falling it displaced a prop which struck the deceased and inflicted injuries which caused death a fortnight later. Inspection and inquiry made.
7	10th January, 5-30 P.M.	Damrudpur mine, Nandi P. O., Bengal.	Bengal Coal Co., Ld.	Tulsi Vor, (m.), 45, <i>Labourer.</i>	Coal	A prop in a gallery, 12 feet high, had been dislodged by a shot, and two men were engaged in resetting the prop when a slab of stone, 2' x 2' x 3', fell upon them. One of them died thirty three hours later. Had a more careful examination of the roof been made before the prop was reset, the accident would not have occurred. Inspection and inquiry made.
8	8th February, 3-15 A.M.	Jamshari Khas mine, Sarsol P. O., Bengal.	Kumar Pranpathi Nath Malia and Kumar Kshiti- pati Nath Malia.	Ram Kisore Roy, (m.), 25, <i>Loader.</i>	Coal	Whilst coal which had been blasted from the side of a gallery, 18 feet high, was being loaded a mass of coal, weighing about 1½ cwt. fell from the roof. A coal loader was struck and fatally injured by the falling coal. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—contd.						
(a) Falls of roof—(50 deaths)—contd.,						
9	11th February, 5-30 P.M.	Jharia Khas (Angarpathra) mine, Sijua P. O., Bihar and Orissa.	Trigunait Brothers	Mahijidia (f.), 18, Coal-carrier.	Coal	Whilst loading coal in a de-pillaring area, deceased was struck and killed instantly by a mass of coal and stone, 8' x 3' x 1', which fell from a height of 20 feet. Inspection and inquiry made.
10	18th February, 2 A.M.	Hilloonwala mine, Dandot P. O., Punjab.	Sant Ram Kapur	Bills, (m.), 20, Coal-cutter.	Coal	Deceased was killed by a fall of roof at a longwall face in a coal seam 3' 6" thick. Inspection and inquiry made.
11	18th February, 6-30 A.M.	Banksimulla mine, Charanpur P. O., Bengal.	Bengal Coal Co., Ltd.	Jhingroo Passi, (m.), 42, Coal-loader.	Coal	A coal loader who had passed through a fence and entered a goaf to obtain fallen roof coal was killed when an extensive mass of roof stone fell from a height of 18 feet. A female coal carrier who was assisting him was seriously injured. Inspection and inquiry made.
12	19th February, 7 A.M.	Ekra Khas mine, Bausjora P. O., Bihar and Orissa.	Maharaja Sri Chandra Nandi.	Dukhan Singh, (m.), 35, Coal-cutter.	Coal	Deceased with three other miners went through a fence and entered a goaf to rob coal from a small "stook" when a mass of roof, 4' x 2' x 1', fell from a height of 7 feet. Deceased was killed instantly and another miner sustained serious injuries. Inspection and inquiry made.
13	7th March, 12-30 A.M.	Datla mine, Junnordeo P. O., Central Provinces.	Amalgamated Coal-fields, Ltd.	Jangi Lohar, (m.), 40, Coal-cutter.	Coal	A miner was struck and fatally injured when a mass of roof coal and stone, 1' 6" x 1' 6" x 6", fell unexpectedly in a gallery 9 feet high. Inspection and inquiry made.
14	8th March, 1 P.M.	Bhuggatdih mine, Jharia P. O., Bihar and Orissa.	Bengal Nagpur Coal Co., Ltd.	Darbari Turi, (m.), 45, Coal-cutter.	Coal	In an area where the extraction of pillars was in process the deceased passed through a fence and was loading loose coal when a mass of roof coal, 10' x 5' x 2', fell from a height of 18 feet and killed him on the spot. Inspection and inquiry made.
15	12th March, 4-30 P.M.	Ningah mine, Kalipahari P. O., Bengal.	Lodna Colliery Co. (1920), Ltd.	Loharu Chamar, (m.), 33, Loader.	Coal	Four loaders were loading coal in a gallery, 8 feet high and 12 feet wide, when a slab of stone, 5' x 3' x 2", fell from the roof and injured two of them. One of them died four days later. Inspection and inquiry made.

16	23rd March, 4-30 A.M.	Benallee mine, Raniganj P. O., Bengal.	Chandanmull Indrakumar.	Sobha Kolin, (J.), 16, <i>Coal-carrier.</i>	Coal	A woman was carrying a basket of coal in a gallery, 12 feet high, when a piece of shale, 4' x 4' x 7", fell unexpectedly from the roof and struck the basket, causing her to fall. Although apparently uninjured, she died almost immediately from heart failure. Inspection and inquiry made.
17	26th March, 2 A.M.	Karharbari mine, Giridih P. O., Bihar and Orissa.	East Indian Railway.	Megha Bhuiya, (m.), 22, <i>Coal-loader.</i>	Coal	A loader was loading coal in a gallery at a place where a miner was cutting roof coal when a mass of roof coal fell unexpectedly from a height of 9 feet. The loader was struck by the coal and killed instantly. Inspection and inquiry made.
18	30th March, 4 A.M.	Bhowra mine, Jaulgora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Rupai Manjhi, (m.), 30, <i>Coal-cutter.</i>	Coal	Deceased was working in a depillaring area, when a mass of roof coal, 11' x 8' x 3', fell on him from between two converging "slips" at a height of 8 feet. He was killed instantly. Inspection and inquiry made.
19	8th April, 5-30 P.M.	Deoli mine, Dishergarh P. O., Bihar and Orissa.	Deoli Coal Co., Ld	Sona Mejhian, (J.), 25, <i>Coal-carrier.</i> Chatto Manjhi, (m.), 29; Bodi Manjhi, (m.), 30; Babulal Manjhi, (m.), 32; Nanda Manjhi, (m.), 30; Budhu Manjhi, (m.), 25; <i>Coal-cutters.</i>	Coal	In a seam 14 feet thick, dipping at 1 in 9, a small amount of floor coal remained to be worked before the extraction of a pillar of coal, 70' x 45', was completed. Whilst five miners and a coal carrier were removing the floor coal, roof coal, 3 feet thick, and a band of shale 3 inches thick, suddenly broke away from the main roof and caused the collapse of 4 stocks of coal and the props which supported the roof. They were killed instantly by the falling roof. Inspection and inquiry made.
20	16th April, 1 A.M.	South East Baraboni mine, Charanpur P. O., Bengal.	Maharajah Srieh Chandra Nandi.	Bhiku Roy, (m.), 33, <i>Coal-cutter.</i>	Coal	A miner left his working place and went through a fence to obtain loose coal from the goaf side of a pillar which was being extracted. A mass of overhanging roof coal, weighing about 2 tons, fell upon him from a height of 14 feet. He was fatally injured. Inspection and inquiry made.
21	24th April, 6-30 P.M.	Sitauala mine, Bhojudih P. O., Bihar and Orissa.	Bengal Coke and Products, Ld.	Nuni Sain, (m.), 20, <i>Loader.</i>	Coal	Two miners and two loaders were working at the foot of a main dip in a seam 14 feet thick, dipping at 1 in 14, when a mass of stone, 15' x 7' x 1', fell from the roof. One of the loaders was struck by the falling stone and killed instantly. Inspection and inquiry made.
22	26th May, 8-40 A.M.	Perbella mine, Dishergarh P. O., Bihar and Orissa.	Bengal Coal Co., Ld.	Radhu Banri, (m.), 31, <i>Coal-cutter.</i>	Coal	Whilst a minor was dressing iron-ore roof coal in a gallery, 8 feet high, a mass of coal, 6' x 2' x 4', fell on him causing serious injuries from which he died one hour later. Inspection and inquiry made.

APPENDIX II—*contd.*

Fatal Accidents during the year 1930—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of persons killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—<i>contd.</i>						
(a) Falls of roofs—(50 deaths)—<i>contd.</i>						
23	14th June, 4-15 P.M.	Standard (Jharis Khas-Hurriladih section) mine, Jharis P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Jogmohan Ahir, (m.), 25, <i>Loader.</i>	Coal	In a depillaring area workmen were setting a ladder against a pillar to enable a sirdar to go up and examine the roof when a piece of roof coal, 1' 4" x 1' x 1', fell from a height of 20 feet and struck one of them. He was fatally injured. Inspection and inquiry made.
24	17th June, 3 A.M.	Bankaimulla mine, Charanpur P. O., Bengal.	Bengal Coal Co., Ld.	Arjun Kole, (m.), 36, <i>Coal-cutter.</i>	Coal	A miner was sitting near the face of a gallery, 12 feet wide and 6 feet high, when a mass of stone, 8' x 5' x 1', fell from the roof and killed him instantly. Inspection and inquiry made.
25	9th July, 6-30 P.M.	Model Brindabanpur mine, Mugna P. O., Bihar and Orissa.	Model Brindabanpur Coal Company.	Bhadi Baurin, (f.), 22; Mauoda Bauriu, (f.), 40, <i>Coal-carriers.</i>	Coal	Whilst two coal-carriers were waiting to load coal for a miner who was cutting roof coal in a gallery 8 feet high, a mass of coal weighing about 5 tons fell from the roof and killed them instantly. Inspection and inquiry made.
26	12th July, 3 P.M.	Serampur mine, Giridih P. O., Bihar and Orissa.	East Indian Railway.	Amiram Jolbin, (f.), 25, <i>Coal-carrier.</i>	Coal	A woman went through a fence to pick up some loose coal when a mass of roof coal, 2' x 3' x 6', fell from a height of 8 feet, killing her instantly. Inspection and inquiry made.
27	1st August, 10 A.M.	West Gopalichuck mine, Kusunda P. O., Bihar and Orissa.	Gopalichuck Coal Co., Ld.	Sraban Beuri, (m.), 45, <i>Coal-cutter.</i>	Coal	In a depillaring area two miners were cutting coal from the corner of a pillar when a mass of overhanging roof-coal, 3' x 7' x 4', fell from a height of 7 feet. One of the miners received injuries which proved fatal. Inspection and inquiry made.
28	13th August, 8-30 A.M.	Tikak mine, Margherita P. O., Assam.	Assam Railways and Trading Co., Ld.	Ramai, (m.), 31, <i>Opening man.</i>	Coal	Against the advice of the sirdar deceased entered an 'opening' or chamber and whilst sounding some overhanging coal, it fell on him. He received injuries from which he died five weeks later. Inspection and inquiry made.

29	25th August, 3 P.M.	Raniganj mine, Raniganj P. O., Bengal.	W. J. Rees.	Jugal Roy, (m.), 28, Coal-cutter.	Coal	Deceased left his appointed working place, passed through a fence, and was robbing coal from the side of a pillar, when a mass of roof stone, 8' x 3' x 4', fell on him from a height of 7 feet. He was killed instantly. Inspection and inquiry made.
30	29th August, 11.30 P.M.	Burra Golai mines, Margherita P. O., Assam.	Assam Railways and Trading Co., Ld.	Momoth Rajbaushi, (m.), 20, Labourer.	Coal.	Whilst assisting in building side-walls in a main haulage road a labourer was fatally injured by a thin slab of stone which fell from a height of 5 feet. He died about six weeks later. Inspection and inquiry made.
31	15th September, 1 A.M.	Loyahat mine, Bansjora P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Meghu Mahato, (m.), 35, Coal-cutter.	Coal	Deceased left his appointed working place and was "robbing" coal from the side of an adjoining pillar, when a mass of roof stone, 11' x 6' x 4' thick, fell on him from a height of 8 feet. He sustained injuries to which he succumbed sixteen hours later. Inspection and inquiry made.
32	24th September, 2.30 A.M.	Bawzaing mine, Bawzaing P. O., Burma.	Shan States Silver Lead Corporation Ld.	Frem Ram Gurkha, (m.), 25, Miner.	Lead- silver.	Whilst a miner was sitting in a stope a piece of ore about 3' x 3' x 8" thick, fell on him from a height of about 6 feet. He was killed instantly. Inspection and inquiry made.
33	26th September, 3.30 A.M.	Standard (Denahlr section) mine, Jharia P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Kamala Ghatwarin, (f.), 16, Coal carrier.	Coal	Whilst taking a shorter route from her working place to the tub she was loading, a coal-carrier entered a goaf which had been fenced to prevent access. She was struck and killed instantly by a piece of stone, 4' x 3' x 6", which fell from the roof—a height of 7 feet. Inspection and inquiry made.
34	27th September, 12 noon.	Raniganj mine, Raniganj P. O., Bengal.	W. J. Rees.	Jamru Manjhi, (m.), 35, Motilal Manjhi, (m.), 30, Coal-cutters.	Coal.	Two miners were cutting floor coal in a gallery 8 feet high, when several tons of roof stone fell on them from between two concealed and converging "slips". They were killed instantly. Inspection and inquiry made.
35	14th October, 1 P.M.	South East Barabouni mine, Charanpur P. O., Bengal.	Maharaja S. C. Nandy.	Denga Kolo, (m.), 40, Coal cutter.	Coal.	The extraction of a pillar of coal in a seam 18 feet thick was almost completed and there remained only a narrow stook 20 feet long. Due to the presence of a concealed "slip" 2 feet behind the face, part of the stook suddenly collapsed and a mass of roof coal, 20' x 5' x 3', fell on a miner killing him instantly. Inspection and inquiry made.
36	15th October, 2 A.M.	Saltore mine, Dishergarh P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Pani Mejhian, (f.), 18, Coal carrier.	Coal.	Whilst loading coal into a tub, a woman was fatally injured by a piece of roof coal, 2' x 2' 6" x 1' 3" thick, which fell on her from the corner of a pillar—a height of 10 feet. Inspection and inquiry made.
37	15th October, 1.30 P.M.	Standard (Jharia Khas section) mine, Jharia P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Dahu Gorriah, (m.), 45, Coal-carrier.	Coal.	Deceased was killed and four other persons seriously injured by the unexpected fall of a wedge shaped piece of coal, 8' x 4' x 2', from the roof of a gallery 18 feet high. Inspection and inquiry made.

APPENDIX II—*contd.*

Fatal Accidents during the year 1930—*contd.*

Serial number	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—<i>contd.</i>						
(a) Falls of roof—(50 deaths)—<i>contd.</i>						
38	1st November, 3 A.M.	Burra Dhomo mine, Sitarampur P. O., Bengal.	Burra Dhomo Coal Co., Ltd.	Raju Mia, (m.), 19, Coal-cutter.	Coal	In a district where pillars of coal 12 feet in height were being extracted eight persons were engaged in cutting and loading coal when a sudden "weight" in the goaf caused a mass of shale, 27' x 16' x 6", to displace the supporting props and fall. One of the miners was struck and killed instantly. Inspection and inquiry made.
39	1st November, 5 P.M.	Hermyingyi mine, Hermyingyi P. O., Burma.	Consolidated Tin Mines of Burma, Ltd.	Ton Phail, (m.), 35, Dump-picker.	Tin and wolfram.	Deceased was employed as a dump-picker. Whilst attempting to drive an adit in loose ground without the knowledge and permission of the management, the roof of the adit collapsed and he was buried and suffocated. Inspection and inquiry made.
40	14th November, 2 P.M.	Bhulanbararee mine, Fathardih P. O., Bihar and Orissa.	Bhulanbararee Coal Co., Ltd.	Bhagawandin, (m.), 31, Coal-loader.	Coal	Whilst deceased was loading coal in a gallery a mass of roof coal 5' x 5' x 3', fell on him from a height of 18 feet. He was killed instantly. Inspection and inquiry made.
41	26th November, 1-30 A.M.	Newton Chickli mine, Parasia P. O., Central Provinces.	Newton Chickli Col- lieries, Ltd.	Brijlal Katia, (m.), 50, Timberman.	Coal	Deceased was withdrawing a prop in a depillaring area of a mine when a piece of coal, 1'6" x 1' x 5", fell from the roof, 9 feet above, and struck his right leg. He died eight days later from septic poisoning. Inspection and inquiry made.
42	28th November, 7-30 A.M.	Kajora mine, Kajoragram P. O., Bengal.	Roy Dutta & Co.	Durga Passi, (m.), 45, Timberman's labourer.	Coal	A timberman's labourer was struck and killed by a prop which was dislodged when a fall of roof took place at the edge of a goaf. Inspection and inquiry made.
43	28th November 12-15 P.M.	Bhowra mine, Jenagora P. O., Bihar and Orissa.	Eastern Coal Co., Ltd.	Gehi Kora, (m.), 35, Coal-cutter.	Coal	Three miners left their working place and went into a fenced off area to rob the sides of a gallery, 10 feet wide and 6 feet high. A mass of coal, 12' x 5' x 1' 3", fell from the roof and fatally injured one of them. Inspection and inquiry made.

44	4th December, 4 P.M.	Burra Dhenio mine, Sitarampur P. O., Bengal.	Burra Dhenio Coal Co., Ltd.	Rewa Hazam, (m.), 35, Coal-cutter.	Coal	A number of miners and propping mistries were at work in a district where pillars of coal were being extracted when a heavy "bump" occurred in the goaf. The men were withdrawn, but one and half hours later the person in charge instructed them to return to work. An hour after work had been resumed a mass of stone, 25' x 20' x 4", fell from the roof—a height of 12 feet, and struck one of the miners fatally injuring him. Inspection and inquiry made.
45	11th December, 7-30 P.M.	Chitodih mine, Katrasgarh P. O., Bihar and Orissa.	Burrakur Coal Co., Ltd.	Mulchand Misair, (m.), 30, labourer.	Coal	In a depillaring area, a mass of roof stone, 5' x 4' x 1'6", fell and displaced a prop which knocked out another prop. Deceased was struck by the second prop and fatally injured. Inspection and inquiry made.
46	15th December, 4-30 P.M.	Jamuria mine, Charanpur P. O., Bengal.	Equitable Coal Co., Ltd.	Lalmohan Chamar, (m.), 40, Coal-cutter.	Coal	In a section of underground workings in a seam 12 feet thick pillars of coal were being extracted. A miner was drilling a shot-hole in a small pillar of coal, 6' x 5', at the edge of a goaf when a sudden "weight" caused the pillar to collapse. With the pillar a mass of coal, 25' x 12' x 3', fell from the roof—a height of 9½ feet. The miner was struck by the coal and killed instantly. Inspection and inquiry made.
47	24th December, 11 A.M.	Kustore mine, Kusunda P. O., Bihar and Orissa.	Raneegunge Coal Association, Ltd.	Khaton, (f.), 18, Coal-carrier.	Coal	Deceased was carrying coal when at the junction of four galleries a mass of roof stone, 30' x 20' x 6", fell from a "slip", at a height of 18 feet. She was killed instantly. Inspection and inquiry made.
48	24th December, 11 P.M.	Chowrasia mine, Dishergarh P. O., Bihar and Orissa.	Equitable Coal Co., Ltd.	Helu Bauri, (m.), 31, Coal-cutter.	Coal	A miner was injured by a fall of roof in a mine, and subsequently died as the result of his injuries. Neither the place of accident nor the manner in which the accident took place could be definitely ascertained. Inspection and inquiry made.
(b) Falls of side—(88 deaths.)						
49	4th January, 4 A.M.	Alkusa and Kiska mine, Kusunda P. O., Bihar and Orissa.	Kanga & Co.	Bairi Tatwa, (m.), 26, Coal-cutter.	Coal	After blasting in a gallery 28 feet high a miner stood on a ladder and levered down a large block of coal. The coal struck the ladder and he fell to the floor, 22 feet below, sustaining injuries which caused death two days later. Inspection and inquiry made.
50	6th January, 10-30 P. M.	South East Baraboni mine, Charanpur P. O., Bengal.	Maharajah Shish Chandra Nandi.	Souchar Chamar, (m.), 25, Coal-cutter.	Coal	Whilst a miner was at work extracting a pillar of coal, a mass of coal, 7' x 8' x 1', fell unexpectedly from the side of the pillar, killing him instantly. Inspection and inquiry made.
51	8th January, 10-15 A. M.	Sripur mine, Kalipahari P. O., Bengal.	Lodnn Colliery Co. (1920), Ltd.	Tnkan Dhanuk, (m.), 25, Coal-cutter.	Coal	Whilst a miner was at work in a gallery a mass of coal, weighing about 60 lb. fell from the face and struck him on the arm and leg. He died within a few minutes. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—contd.						
Falls of side (63 deaths)—contd.						
52	18th January, 5 P.M.	Myoboung mine, Thanbyuzayat P. O., Burma.	V. Palugreen	Baucha, (m.), 22, Labourer.	Tin	Whilst resting in the shade of the side of an open excavation, 12 feet deep, deceased was buried by a mass of earth which fell from the side. He was dead when recovered. Two other workmen were partially buried. Inspection and inquiry made.
53	21st January, 1 P.M.	Lodna mine, Jharia P. O., Bihar and Orissa.	Lodna Colliery Co., (1920), Ltd.	Show Prosad Gar, (m.), 42, Coal-cutter.	Coal	In a gallery, 28 feet high, a miner standing on a ladder was, under directions, drilling a shot hole in the corner of a pillar when a sudden "weight" from the neighbouring goaf came on the pillar and caused about 10 tons of coal to fall from the side. The falling coal broke the ladder and the miner fell to the ground, sustaining injuries which caused death two hours later. Inspection and inquiry made.
54	22nd January, 11 P.M.	Bhalgora mine, Jharia P. O., Bihar and Orissa.	Bhalgora Coal Co., Ltd.	Khopri Kahar, (m.), 25, Loader.	Coal	Deceased was struck by a piece of coal, weighing about 3 lbs., which fell unexpectedly from the side of a pillar at a height of 18 feet. He sustained injuries to which he succumbed on the following day. Inspection and inquiry made.
55	27th January, 10-30 A.M.	Bokaro mine, Bokaro P. O., Bihar and Orissa.	East Indian and Bengal Nagpur Railways	Jagta Kola, (m.), 35, Earth-cutter.	Coal	In an open quarry a number of persons were removing earth from the foot of a bench, 10 feet high, when a mass of earth 10' x 10' x 2', fell from the face and struck two of them. Both were seriously injured and one of them succumbed to his injuries on the following day. Inspection and inquiry made.
56	4th February, 6-30 P.M.	Bhulanbararee mine, Pathardih P. O., Bihar and Orissa.	Bhulanbararee Coal Co., Ltd.	Bhola Pashi, (m.), 55, Loader.	Coal	Whilst deceased was loading coal into a tub a mass of coal, 20' x 15' x 3', fell unexpectedly from the side of a pillar at a height of 10 feet. He sustained injuries from which he died within a few hours. Inspection and inquiry made.
57	8th February, about 2-30 P.M.	Hurriladih mine, Jharia P. O., Bihar and Orissa.	Equitable Coal Co., Ltd.	Kodai Gopa (m.), 17, Coal-carrier.	Coal	Deceased was engaged in carrying coal from the face of a gallery when a slab of coal, 5' x 3' x 1' 6", fell unexpectedly from the side, striking him and inflicting injuries which proved fatal. Inspection and inquiry made.

58	9th February, 4-30 A.M.	Standard (Benahir section) mine, Jharia P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Ramabatar Pashi, (m.), 40, Loader.	Coal	Whilst a fellow-workman of deceased was standing on a ladder dressing down loose coal from the side of a pillar, 26 feet high, a mass of coal, weighing about 3 to 4 tons, fell unexpectedly from the side. Deceased, who was holding the ladder, was struck by the coal and sustained injuries which later proved fatal. Inspection and inquiry made.
59	19th February, 2 P.M.	North Kirkend mine, Kuaunda P. O., Bihar and Orissa.	Khengarji Petha & Co.	Bisni Kole, (f.), 25; Kunjia Kole, (f.) 40, Coal-carriers.	Coal	The deceased were killed by a mass of coal, weighing about 4 tons, which fell from the face of a quarry, whilst they were loading coal. Inspection and inquiry made.
60	25th February, 3-30 A.M.	Borjan and Kougonu mine, Kongyu P. O., Assam.	Nazira Coal Co., Ld.	Jognarayan Nepali, (m.), 36, Tramming sirdar.	Coal	Deceased was helping in the loading of a tub at the face of a stone drift when a slab of stone, 3' x 1' x 3", fell upon him from the side. He sustained a fracture of the spine and died two days later. Inspection and inquiry made.
61	26th February, 11-45 A.M.	South Bulliari mine, Kuaunda P. O., Bihar and Orissa.	East Indian Coal Co., Ld.	Suki Mejhian, (f.), 28, Coal-carrier.	Coal	Deceased was sitting in a gallery when a mass of coal, 3' x 2' x 1', fell on her from a concealed "slip" in the corner of a pillar at a height of 12 feet. She sustained injuries to which she succumbed a few minutes later. Inspection and inquiry made.
62	28th February, 1 P.M.	Bargawan mine, Katni P. O., Central Provinces.	Sadhu Ram Shukla	Shamboo Singh, (m.), 35, Quarryman.	Limes- tone,	Two men were working in a quarry when a slab of limestone fell from a height of 5 feet in an adjoining quarry. Both were struck, one receiving serious and the other fatal injuries. A third person, who had been working in the adjoining quarry, fell with the slab and received serious injuries. Inspection and inquiry made.
63	6th March, 5-30 P.M.	Kyanktalone mine, Mudon P. O., Burma.	Khan Bahadur Ibrahim, Con- tractor.	Kaplasao Ooriya, (m.), 30, Mistry.	Limes- tone.	In a quarry two subordinate officials were levering down loose boulders from a large pile of debris when the stone on which they stood began to move. One of them jumped clear but the other fell forward and was fatally injured by stones which rolled down from above. Inspection and inquiry made.
64	7th March, 8-30 A.M.	Standard (Benahir section) mine, Jharia P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Jakha Chamar, (m.) 35; Sahadew Pashi, (m.), 25, Loaders	Coal	After a working place in a dopillaring area had been declared dangerous and fenced off by a sirdar some miners entered it and commenced to load loose coal. Whilst so doing a mass of coal, 48' x 26' x 4', fell from the side. One of the men was killed instantly and another was fatally injured. Inspection and inquiry made.
65	18th March, 6-50 A.M.	Ekra Khas mine, Bansjora P. O., Bihar and Orissa.	Maharajah Srijah Chandra Nandi.	Talwa Chamar, (m.), 18; Mongra Gowala, (m.), 35, Coal-carriers.	Coal	Whilst at work in a quarry, 26 feet deep, two coal-carriers were killed instantly by a mass of coal, 15' x 24' x 4' 6", which fell from the side. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—contd.						
(b) Falls of side—(63 deaths)—contd.						
66	23rd March, 2-30 P. M.	Chambal and Channu-wala mine, Garibwal P. O., Punjab.	Government of the Punjab, (Public Works Department, Irrigation Branch).	Rahim Ali, (m.), 31, Quarryman.	Stone	Six quarrymen were working at a face which had been declared dangerous, when a mass of earth and boulders, 9' x 1'3" x 3', fell striking one of them and inflicting fatal injuries. Inspection and inquiry made.
67	27th March, 3 P.M.	Hpaungdaw mine, Wunzunchang P. O., Burma.	Quah Cheng Guan.	Banna Singh Goor, (m.), 40, Petty contractor.	Wolfram	Whilst a petty contractor in the course of his daily round was sitting near the entrance to an adit he was fatally injured by a boulder which rolled down from old workings on the slope of a hill. Inspection and inquiry made.
68	28th March, 3 P.M.	Charki mine, Markacho P. O., Bihar and Orissa.	Behari Lal Marwari	Bhali Gope, (m.), 46, Miner.	Mica	Whilst working at the bottom of an open excavation, 32 feet deep, a miner was struck and fatally injured by a piece of stone weighing about 10 lb. which fell from a height of 5 feet. Inspection and inquiry made.
69	3rd April, 12-30 P.M.	Deoli mine, Dishergarh P. O., Bihar and Orissa.	Deoli Coal Co., Ltd.	Natoo Bauri, (m.), 35, Coal-cutter	Coal	After the roof of a goaf had fallen additional timber was being set when a piece of coal weighing about 1 cwt. fell from the side from a height of 8 feet. A miner and a sirdar were severely injured and the former died two weeks later. Inspection and inquiry made.
70	5th April, 7 P.M.	Standard (Benahir section) mine, Jharla P. O., Bihar and Orissa.	Standard Coal Co., Ltd.	Maghna Dosadh (No. 1), (m.), 25; Niroo Dosadh, (m.), 55; Maghna Dosadh (No. 2), (m.), 35, Coal-cutters.	Coal	Whilst a number of persons were loading coal which had been blasted from the side of a pillar, a mass of coal, weighing about 5 tons, fell from a pronounced joint. Maghna Dosadh (No. 1) was killed on the spot and the other two men sustained injuries to which they succumbed a few hours later. Another man was seriously injured. Inspection and inquiry made.
71	11th April, 10-45 A.M.	Sondra mine, Bansjora P. O., Bihar and Orissa.	Sondra Coal Co., Ltd.	Shukra Kayot, (m.), 40, Coal-cutter.	Coal	Deceased entered a fenced gallery to pick up some fallen coal, when a mass of coal, weighing several tons, fell upon him from a "slip" at a height of 12 feet. He was killed on the spot. Inspection and inquiry made.

72	12th April, 3 P.M.	Ekra Khas mine, Bansjora P. O., Bihar and Orissa.	Maharajah Srish Chandra Nandi.	Nanki Chamar, (m.), 49, <i>Coal-cutter.</i>	Coal	In the process of quarrying pillars of coal formed by underground mining a sirdar with a gang of stone cutters was prising down stone which overlay two coal, when the stone on which they were standing gave way, causing two of them to fall on to a heap of debris 6 feet below. With the intention to afford assistance two miners ran to the place when a further fall of stone took place, and they fell with it into the gallery 15 feet below. One of the miners was killed instantly. Inspection and inquiry made.
73	2nd May, 12-15 P.M.	Amlabad mine, Jalgora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Mahammed Ali, (m.), 40, <i>Coal-cutter.</i> Chota Nuni, (f.), 30, <i>Coal-carrier.</i>	Coal	A number of persons were sitting down by the side of an underground tram line when a mass of coal, 34' x 2' x 7' 6", fell from the side. Two of them were killed on the spot and another sustained serious injuries. Inspection and inquiry made.
74	3rd May, 3-15 P.M.	Jamadoba mine, Jalgora P. O., Bihar and Orissa.	Tata Iron and Steel Co., Ld.	Bangali Dhobi, (m.), 36, <i>Coal-cutter.</i>	Coal	During depillaring operations in a seam 12 feet thick a miner was prising down some loose coal from the side of a pillar. The falling coal dislodged a prop which supported a bar 5 feet long. The latter in falling struck the miner, who was retreating to a place of safety, and fatally injured him. Inspection and inquiry made.
75	6th May, 4-30 A.M.	Serampur mine, Giridih P. O., Bihar and Orissa.	East Indian Rail- way.	Badshahin Jolhin, (f.), 38; Nazir Meah, (m.), 15, <i>Coal-carriers.</i>	Coal	In a depillaring area where several persons were at work, a large quantity of coal suddenly fell from the side of a pillar inflicting fatal injuries on two coal-carriers. The fall was said to have been preceded by an unusually heavy "bump". Inspection and inquiry made.
76	8th May, 1-30 P.M.	Shampore mine, Nirbhachati P. O., Bihar and Orissa.	Shampore Coal Co., Ld.	Sakhu Manjhi, (m.), 45, <i>Coal-cutter.</i>	Coal	Whilst a miner was at work in a gallery 7 feet high, rising at 1 in 8, a mass of coal weighing about 10 cwt fell off a slip in the face and killed him instantly. Inspection and inquiry made.
77	8th May, 7 P.M.	Bhulanbarao mine, Pathardih P. O., Bihar and Orissa.	Bhulanbarao Coal Co., Ld.	Mangra Manjhi, (m.), 17, <i>Coal-cutter.</i>	Coal	In an area where pillars were being extracted the splitting of a pillar, 22 feet in height, was in progress when a mass of coal, 5' x 3' x 2', fell from the corner of the pillar. One of the miners was struck and fatally injured. Inspection and inquiry made.
78	24th May, 1-30 P.M.	Standard (Jharis Khas-Hurriladih section) mine, Jharis P. O. Bihar and Orissa.	Standard Coal Co., Ld.	Sekh Jahar, (m.), 25, <i>Coal-cutter.</i>	Coal	Deceased was standing on a ladder dressing down some loose coal in a gallery, 22 feet high, when a lump of coal struck and displaced the ladder. He fell a distance of about 12 feet and sustained internal injuries to which he succumbed half an hour later. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—contd.						
<i>(b) Falls of side (88 deaths)—contd.</i>						
79	2nd June, 12 noon.	Burra Dhemo mine, Sitarampur P. O., Bergal.	Burra Dhemo Coal Co., Ltd.	Kanai Chamar, (m.), 27, Coal-cutter.	Coal	A mass of coal fell from the rise side of a loading level in a seam 12 feet thick, dipping at 1 in 6. In attempting to avoid the coal a miner fell against a tub and sustained internal injuries from which he died three hours later. There was some reason to believe that the deceased himself caused the coal to fall. Inspection and inquiry made.
80	10th June, 6-30 A.M.	Ramrama mine, Katanjheri P. O., Central Provinces.	Central Provinces Manganese Ore Co., Ltd.	Sunder Lal, (m.), 20, Labourer.	Manga- nese.	Whilst a labourer in a quarry was felling a measurement pillar, 7 feet high and 5 feet diameter, at the base, composed of fairly strong schist rock, it suddenly fell over on to him. He was crushed to death. Inspection and inquiry made.
81	12th June, 1-15 P.M.	Amlabad mine, Jeaigora P. O., Bihar and Orissa.	Eastern Coal Co., Ltd.	Nakul Rajwar, (m.), 28, Coal-cutter.	Coal	A miner was robbing coal and had undercut the side of a pillar, when a mass of side coal, 6' 6" x 13' x 1' 6", fell. He was struck on the head and killed instantly. Inspection and inquiry made.
82	14th June, 1-30 P.M.	Kustore mine, Kusunda P. O., Bihar and Orissa.	Rancegunge Coal Association, Ltd.	Bashni Maulik, (f.), 24, Labourer.	Coal	Deceased was assisting to build side walls in a gallery, when a mass of side coal, 4' 6" x 2' 6" x 1' 6", fell on her from a "slip" at a height of 12 feet. She sustained serious injuries to which she succumbed a few minutes later. Another woman was slightly injured. Inspection and inquiry made.
83	30th June, 10 A.M.	Bharatkup mine, Bharatkup P. O., United Provinces.	Government of United Provinces, (Public Works Department).	Gaida Abir, (m.), 18, Labourer.	Stone	Deceased was working in a quarry 8 feet deep, when he was buried by a fall of several tons of earth caused by a boulder slipping from the side. He was suffocated before he could be extricated. Inspection and inquiry made.
84	2nd July, 4-30 P.M.	Burra Dhemo mine, Sitarampur P. O., Bergal.	Burra Dhemo Coal Co., Ltd.	Janki Dasah, (m.), 18, Coal-loader.	Coal	Whilst a pillar of coal in a seam 12 feet thick was being extracted a "roofbump" caused a mass of coal weighing about 10 cwt. to fall off the face. A coal loader was struck on the head and killed instantly the falling coal. Inspection and inquiry made.

85	5th July, 4 A.M.	Damra mine, Kalipahari P. O., Bengal.	Kalipahari Co., Ltd.	Coal	Jumna Bilaspurin, (f.) 18, Coal-carrier.	Coal	In a depillaring area a mass of coal falling from the face dislodged a prop 9 feet long, which in turn struck and dislodged another prop in an adjacent line of props. A coal-carrier was struck on the head by the second prop and sustained injuries from which she died eight hours later. Inspection and inquiry made.
86	12th July, 3 P.M.	Kanakokulu mine, Palaw P. O., Burma.	Lim Oo Ghino		Maung Tu, (m.) 35, Miner.	Tin	Four tribute miners engaged in ground slicing operations on a hill slope left their working place and went to work in a prohibited place. A mass of about 200 cubic feet of earth fell from the side of the hill and buried one of them. He was suffocated. Inspection and inquiry made.
87	20th July, 4-30 P.M.	Taungzun mine, Taungzun P. O., Burma.	Osman Mustikhan & Co.		Isra Mondal, (m.) 30, Quarryman.	Stoue	Whilst a gang of quarrymen was cleaning a tramming level on an intermediate bench of a stone quarry it began to rain and they were permitted to leave for the day. Whilst two of them were washing their tools in the water that was flowing down from an upper bench a mass of ground slipped from the upper edge of the quarry, and some 400 cubic feet of earth were washed down to the intermediate level. One of the men was buried and suffocated; the other escaped with slight injuries. Inspection and inquiry made.
88	1st August, 4-30 A.M.	Jarangdih mine, Bokaro P. O., Bihar and Orissa.	Bombay, Baroda and Central India Railway, and Madras and Southern Mar- hatta Railway.		Bhudram Chamar, (m.) 45, Coal-cutter.	Coal	Whilst a miner was loading coal into a tub in a quarry, he was struck and fatally injured by a mass of coal, weighing about 1 ton which fell from two converging "slips" in the side. Inspection and inquiry made.
89	4th August, 11-15 A.M.	Damagurria mine, Kulti P. O., Bengal.	Damagurria Coal Co., Ltd. (1930).	Coal	Hema Bauri, (m.) 38, Coal-cutter.	Coal	A thick seam of coal was being quarried after pillars had been formed by underground mining in the bottom 11 feet of the seam. A quarryman was levering down a block of coal weighing about 3 tons from between two converging slips in the roof of a gallery when he slipped and fell under the falling coal. He was killed instantly. The management intended to drop the coal by blasting, and deceased had been warned not to attempt to do the work by hand. Inspection and inquiry made.
90	26th August, 11 A.M.	Bhulanbarree mine, Pathardih P. O., Bihar and Orissa.	Bhulanbarree Coal Co., Ltd.		Sunaj Towari, (m.) 21, Loader.	Coal	A party of three men accompanied by the manager and an overman was engaged in dressing loose coal from the side of a pillar by means of a long pole when the pole slipped and caused one of the men to lose his balance and fall. At the same time a small piece of coal fell from a height of 10 feet, and killed the man instantly. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—contd.						
b) Falls of side(68 deaths)—contd.						
91	30th August, 11-55 A.M.	Upper Jizagora mine, Jharia P. O., Bihar and Orissa.	New East India Press Co., Ld.	Pran Ram, (m.), 45, Coal-cutter.	Coal	Deceased was standing near a place where the side of a pillar of coal was being dressed when a mass of coal, 6' x 2' x 1' 6", was dislodged. After its fall the coal rolled over on to the man, inflicting injuries which caused death some days later. Inspection and inquiry made.
92	4th September, 12-15 P.M.	Amlabad mine, Jalgora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Lachman Naidu, (m.), 42, Machineman.	Coal	A coal-cutting machine was making the initial cut of a new rise gallery which was being driven from a level, when a slab of coal, 9' x 5' x 8", fell away from the face and struck one of the machinemen. He was severely injured and died some hours afterwards. Inspection and inquiry made.
93	6th September, 3-30 P.M.	Burra Dhemo mine, Sitarampur P. O., Bengal.	Burra Dhemo Coal Co., Ld.	Madhu Menh, (m.), 45 Coal-cutter.	Coal	In a depillaring section, a miner left his working place and went to obtain fallen coal from a disused gallery when he was fatally injured by a fall of about 3 tons of side coal from a height of about 6 feet. Inspection and inquiry made.
94	19th September, 6 P.M.	Ningah mine, Kalipahari P. O., Bengal.	Lodna Colliery Co. (1929), Ld.	Lingu Kurmi, (m.), 41, Loader.	Coal	In a friable seam of coal a loader was filling a basket near the face of a gallery, 6½ feet high and 12 feet wide, when a mass of coal weighing about 3 cwt. fell off the side. He was crushed and killed instantly by the falling coal. Inspection and inquiry made.
95	26th September, 6-30 P.M.	Amlabad mine, Jalgora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Shiba Ram Choudhury, (m.), 22, Bailer.	Coal	A boiler was standing in a dip gallery, 8 feet high, opposite a point where a coal-cutting machine had made the first cut of a gallery being driven level. He was struck and fatally injured by a mass of coal, 6'-6" x 6' x 1'-8", which fell from the side above the machine cut. Inspection and inquiry made.
96	3rd October, 1-50 P.M.	Parbelia mine, Dihergarh P. O., Bihar and Orissa.	Bengal Coal Co., Ld.	Jogeswar Kahar, (m.), 22, Onsetter.	Coal	A piece of stone weighing about 1 lb. fell from the side of a shaft, 1,500 feet deep, and, glancing off the end of the cage covering, struck an onsetter who was pushing tubs into the cage. He sustained a fracture of the skull and died a month later. Inspection and inquiry made.

97	5th October, 8-30 A.M.	Kalithan Jinagora mine, Jharipa P. O., Bihar and Orissa.	K. B. Seal & Sons.	Atmaran Bilaspuri, (m.), 35, Coal-cutter.	Coal	Whilst at work in a quarry, a miner was struck and killed instantly by a mass of coal, 9' x 4' x 6', which fell from a "slip" in the side. Inspection and inquiry made.
98	6th October, 9 A.M.	Tirap mine, Murgherita P. O., Assam.	Assam Railways & Trading Co., Ltd.	Ramuath Abir, (m.), 36, Timberman.	Coal	Whilst at work in an "opening" or chamber a coal-cutter was killed by a mass of side coal, 7'6" x 3' x 2'9", which fell on him from two converging "slips" from a height of four feet. Inspection and inquiry made.
99	10th October, 2 P.M.	North Chanch mine, Kumardhubi P. O., Bihar and Orissa.	North Chanch Col- liery Co.	Sukhu Doma, (m.), 35; Sasbi Rauri, (m.), 25, Quarry labourers.	Coal	Whilst overburden was being removed in a quarry a mass of coal and shale weighing about one ton fell from the side above an old gallery in which certain of the workers had taken shelter from the sun. One man was buried and killed instantly, another died from injuries an hour later and two other persons were seriously injured by the falling material. Inspection and inquiry made.
100	15th October, 2-30 P.M.	Chikla mine, Tumear-Dongri P. O., Central Provinces.	Rai Bahadur Bansi- lal Abirchand Mining Syndicate, Ltd.	Indal Amarsi, (m.), 35, Miner.	Manga- nese ore.	Whilst working in an open excavation, 5' 6" deep, a miner was partially buried by a fall of side, 12 feet long and 3 feet wide. He sustained a serious injury and died twenty- four days later from septic poisoning. Inspection and inquiry made.
101	16th October, 7-45 P.M.	Dharmaband mine, Katraagarh P. O., Bihar and Orissa.	New Tetturya Coal Co., Ltd.	Diloo Mandal, (m.), 35, Labourer.	Coal	Three stone-cutters were cutting a hole for a bunton in a shaft, 85' feet deep, when one of them was struck and killed by a mass of stone, 1'6" x 9' x 5", falling from the side of the shaft. Inspection and inquiry made.
102	17th October, 2-15 P.M.	Bararee mine, Jenagora P. O., Bihar and Orissa.	East Indian Coal Co., Ltd.	Nisu Bhunj, (m.), 24, Coal-cutter.	Coal	Whilst a miner was dressing the side of a pillar, 11 feet high, he was struck by a piece of coal, 3' x 1'3" x 1'3", which fell from the side. He was fatally injured and died eight hours later. Inspection and inquiry made.
103	30th October, 12-30 A.M.	Bawdwin mine, Namtu P. O., Burma.	Burma Corporation, Ltd.	Pagirawar T- li (m.), 33, Miner.	Silver- lead-zinc.	Whilst at work in a stop, a miner was killed by a boulder of ore, about 3' 6" x 2' 6" x 2', that fell on him from the side at a height of about 4 feet. Inspection and inquiry made.
104	3rd November, 12 noon.	Gorapahari mine, Fakur P. O., Bihar and Orissa.	Mohamad Hasan and Manzurali.	Obaid Sheikh, (m.), 32; Carter.	Stone	Whilst digging out boulders at the bottom of a trench, 5 1/2 feet wide and 5 1/2 feet deep, a workman was buried under a mass of earth, 7' x 4' x 1'6", which fell from the side. When his body was extricated life was found to be extinct. Inspection and inquiry made.
105	14th November, 1-25 A.M.	Bawdwin mine, Namtu P. O., Burma.	Burma Corporation, Ltd.	Manooa Lohar, (m.), 26, Miner.	Silver- lead-zinc.	Whilst working in a drive, a miner was fatally injured by a piece of stone, 1' 6" x 9' x 6", which fell from a height of about four feet. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
FALLS OF ROOF AND SIDES—contd.						
(b) Falls of sides—(68 deaths)—contd.						
106	4th December, 10-45 A.M.	Hornyingyi mine, Hornyingyi P. O., Burma.	Consolidated Tin Mines of Burma, Ltd.	Lew Foo, (m.), 42, Miner.	Tin and wolfram.	In spite of previous warning, deceased was undercutting the side of an opencut when a mass of ground, 8' x 6' x 1' 6", fell on him from a height of 8 feet. He sustained fatal injuries and died in hospital thirty-six hours later. Inspection and inquiry made.
107	25th December, about 7-45 A.M.	Sharigh (Lease No. 94) mine, Sharigh P. O., Baluchistan.	Khan Bahadur B. D. Patel.	Rahamat, (m.), 18, Coal-cutter.	Coal	Whilst at work in a thin and highly inclined seam of coal a miner was struck and severely injured by a piece of stone, 1' 6" x 6" x 6", which fell from a band of stone in the face of the working. He died within a few hours. Inspection and inquiry made.
108	26th December, 2 P.M.	Chinchuria mine, Asansol P. O., Bengal.	New Beerhroom Coal Co., Ltd.	Sona Manjhi, (m.), 28, Coal-cutter.	Coal	Whilst cutting floor coal in an underground gallery, 12 feet high, a miner was killed by a mass of coal, 4' x 3' x 2', which fell unexpectedly from the side. Inspection and inquiry made.
IN SHAFTS (WHILST ASCENDING OR DESCENDING BY MACHINERY)—(3 deaths).						
109	7th May, 2-30 P.M.	Aralabad mine, Jealgora P. O., Bihar and Orissa.	Eastern Coal Co., Ltd.	Boon Punjabi, (m.), 40; Gobinda Kumar, (m.), 27; <i>Drillers.</i>	Coal	For the purpose of disconnecting a flexible compressed air pipe, 45 feet long, three men were being raised in a bucket from the bottom of a sinking shaft, 600 feet deep. Whilst the bucket was ascending the pipe was being coiled up in it with the intention of taking it to surface after disconnection at the coupling 45 feet from the bottom. As the electric signals were temporarily out of order the bucket was raised above the required position, and was drawn to the side of the shaft, 150 feet from the bottom, where it struck a range of pipes, resulting in the two deceased being precipitated to the bottom of the shaft. Had the signals been in order, the bucket would probably have been stopped in the correct position and the accident avoided. Inspection and inquiry made.

110	19th October, 3-45 A.M.	Gopalichuck East mine, Jharia P. O. Bihar and Orissa.	Gopalichuck Coal Co., Ltd.	Ullilla Sing, (m.), 30, Trolleyman.	Coal	Whilst being raised in a shaft, 230 feet deep, for the purpose of repairing a broken signal wire, deceased fell from the cage to the bottom of the shaft, a distance of about 150 feet, and was killed instantly. Inspection and inquiry made.
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IN SHAFTS (FALLING DOWN SHAFT)—(4 deaths).

111	22nd January, 4-30 A.M.	Dhobidih mine, Giridih P. O., Bihar and Orissa.	Bengal Giridih Coal Co., Ltd.	Jagan Manjhi, (m.), 28, Labourer.	Coal	At a sinking shaft, 64 feet deep, raising and lowering was done by a gang of eight persons hauling on a rope. On a winter's night these persons were sitting round a fire near by when they were summoned to lower a man down the shaft. One of them in a drowsy condition grasped the hauling rope at such a point that he was pulled over the shaft. He fell to the bottom and was fatally injured. Inspection and inquiry made.
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112	4th April, 5 P.M.	Khas Angarpathra mine, Katr. garh P. O., Bihar and Orissa.	Khas Angarpathra Coal Co.	Jibod Koiri, (m.), 45, Labourer.	Coal	A guide rope, 1 1/2" diameter, had been lowered into a shaft, 200 feet deep, and secured to a beam at the bottom. At the top of the shaft the rope was temporarily secured to another guide by means of a bump rope lashing. While the loose end was being passed up to the head gear by a fitter and two coolies the rope lashing broke and the guide slipped back into the shaft. One of the coolies was caught by the rope and pulled into the shaft. He fell to the bottom and was fatally injured.
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113	3rd September, 7 P.M.	Bawdwin mine, Namtu P. O., Burma.	Burma Corporation Ltd.	Hima Lall, (m.), 40, Miner.	Silver- lead- zinc	The guide rope should have been temporarily secured by an iron clamp, and not by a rope lashing. Inspection and inquiry made. Whilst two miners were at work on a stage in an underground stope the cleat holding one end of the stage gave way, causing the men to fall to the bottom of a chute about 50 feet below. One of the men was fatally injured and the other sustained serious injuries. Inspection and inquiry made.
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114	10th December, 3-30 P.M.	Malhabpur mine, Raniganj P. O., Bengal.	Chaudamull Indra- kumar.	Jugal Kishore Nandi, (m.), 25, Pit sircar.	Coal	In attempting to enter a cage while it was in motion deceased slipped and fell to the bottom of a shaft, 150 feet deep. He was killed instantly. Inspection and inquiry made.
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IN SHAFTS (THINGS FALLING DOWN SHAFT)—(1 death).

115	25th January, 5 P.M.	Nimcha mine, Searsol P. O., Bengal.	Chandanmull Indra- kumar.	En. ma Turi, (m.), 25, Sinker.	Coal	A wooden block, 12' x 9' x 3' secured by a single nail to the floor of the trolley used for covering the top of a sinking shaft was dislodged when the empty sinking bucket was raised. It fell down the shaft, 125 feet deep, and struck a sinker who was at work at the bottom of the shaft. He was killed instantly. Had the block been more securely nailed to the trolley the accident would have been avoided. Inspection and inquiry made.
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APPENDIX II—*contd.*

Fatal Accidents during the year 1930—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
IN SHAFTS (MISCELLANEOUS)—(2 deaths).						
116	26th August, 1 A. M.	Damra mine, Kalipahari P. O., Bengal.	Kalipahari Co., Ltd.	Coal Surja Bauri, (m.), 22, <i>Onsetter.</i>	Coal	Whilst attempting to cross the bottom of a shaft an on-setter was knocked down by the descending cage and fatally injured. A convenient bye pass road had been provided. Inspection and inquiry made.
117	8th September, 10-30 A. M.	Bararee mine, Jeaigora P. O., Bihar and Orissa.	East Indian Co., Ltd.	Coal Kodo Mish, (m.), 32, <i>Stone-cutter.</i>	Coal	A gang of six men was employed in cleaning the sump of a shaft. Instead of taking the proper travelling road, one of the men attempted to climb from the sump to the shaft bottom, when he was caught by the descending cage. He received fatal injuries and died two days later. Inspection and inquiry made.
SUFFOCATION BY GASES—(6 deaths).						
118	24th February, 12 noon.	Bararee mine, Jeaigora P. O., Bihar and Orissa.	East Indian Co., Ltd.	Coal Makbul, (m.), 35, <i>Sirdar</i> ; Uzir Meah, (m.), 30; Sahadew Fasi, (m.), 45; Golur Kahar, (m.), 25; <i>Stone-cutters.</i>	Coal	The deceased left their appointed working place and went to work on an airway leading from a depillared area in which there was spontaneous heating. They were poisoned by carbonmonoxide gas. Inspection and inquiry made.
119	31st March, 8-30 A. M.	Gopalichuck West mine, Kusunda P. O., Bihar and Orissa.	Gopalichuck Co. Ltd.	Coal Mohendra Nath Mitra, (m.), 28, <i>Surveyor</i> ; Buchua Kahar, (m.), 25, <i>Chainman.</i>	Coal	The deceased went into an area of temporarily disused workings in which foul gas from an old fire area had unexpectedly accumulated. They were overcome by the gas and asphyxiated. Inspection and inquiry made.

BY EXPLOSIVES—(26 deaths).

120	28th March, 7 A. M.	Kohistan mine, Slumbrani P. O., Bombay.	Government of Bom- bay (Public Works Department).	Saido s/o Sodho, (m.), 32; Sawan s/o Muridi, (m.), 30, <i>Miners.</i>	Stone	Whilst a miner was using a sharp flint to cut a length of fuse, country gunpowder in an earthen jar near by became ignited, and the man and his two companions were severely burned. Two of the men died later. Inspection and inquiry made.
121	10th April, 2 P. M.	Bankimulla mine, Charanpur P. O., Bengal.	Bengal Coal Co., Ld.	Lachu Chamar, (m.), 55, <i>Loader.</i>	Coal	A miner authorised to fire shots lighted the fuzes of two shots in a gallery. After the shots had exploded deceased was found lying severely injured within a few feet of the place where the shots had been fired. Inspection and inquiry made.
122	10th May, 7 A. M.	Bhagaband mine, Jharra P. O., Bihar and Orissa.	Borrea Coal Co., Ld.	Shyam Singh, (m.), 46, <i>Driller.</i>	Coal	Whilst shot-holes were being drilled in a stone drift a charge which in a previous round of shots had unsuspectedly mis-fired exploded, killing one man and seriously injuring another. Inspection and inquiry made.
123	10th May, 11-45 A. M.	Bhulanbararee mine, Pathardah P. O., Bihar and Orissa.	Bhulanbararee Coal Co., Ld.	Nitya Gopal Mu- kherji, (m.), 21, <i>Attendance Clerk.</i> Bonbehari Mukher- ji, (m.), 26, <i>Not employed.</i>	Coal	An attendance clerk and another man not employed at the mine were smoking in the time-office at the entrance to a mine. One of them threw away a cigarette end and it dropped into a box containing some 12 lb. of compressed gunpowder cartridges which, being unused had been returned by miners coming out of the mine. The gunpowder exploded and demolished the cabin, and both men were fatally burnt. Inspection and inquiry made.
124	31st May, 9 P. M.	Patmohua mine, Sitarampur P. O., Bengal.	North Damuda Coal Co., Ld.	Shamla Mondal, (m.), 30, Itwari Mondal, (m.), 38, <i>Shot-firers.</i>	Coal	A shot-firer had obtained 5 lb. of gunpowder from a magazine and was inspecting the cartridges preparatory to going underground. The gunpowder was ignited by his open light and both he and another shot-firer in the vicinity were fatally burned. Inspection and inquiry made.
125	2nd June, 12 midnight.	Borjan and Kongon, mine, Kongnyu P. O., Assam.	Nazira Coal Co., Ld.	Abdul Jolil, (m.), 20, Abdul Gani, (m.), 23, <i>Rock-drillers.</i>	Coal	Two men were drilling a hole with a machine drill in the face of a stone drift when an explosion took place. One of them was killed and another fatally injured. It was assumed that the drill had exploded gelignite left undetonated in the socket of an old shot-hole. Inspection and inquiry made.
126	8th July, 6 P. M.	Dobari mine, Jharra P. O., Bihar and Orissa.	R. N. Bagchee & Brothers, Dobary Colliery, Ld.	Shokhran Bilaspari, (m.), 45, <i>Miner.</i>	Coal	A miner was drying gunpowder in a canister over a fire on the verandah of his dwelling, when it became ignited. He sustained serious burns and died of shock seventeen hours later. Inspection and inquiry made.
127	10th July, 11-45 A. M.	Lodna mine, Jharra P. O., Bihar and Orissa.	Lodna Colliery Co. (1920), Ld.	Mohan Bauri, (m.), 34, <i>Coal-cutter.</i>	Coal	Two miners had ignited the fuzes of two shots in the side of a pillar. One of them was too late in seeking a place of safety for he was struck and fatally injured by a piece of coal flung out by the explosion of the shots. Inspection and inquiry made.

APPENDIX II—*contd.*

Fatal Accidents during the year 1930—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
BY EXPLOSIVES—(26 deaths)—<i>concl'd.</i>						
128	16th July, 3 P.M.	Junnordeo mine, Junnordeo P. O., Central Provinces.	R. S. H. Verma and Munshi Kaubiyalal, Ld.	Hemmo Teli, (m.), 40, <i>Coal-cutter.</i>	Coal	After igniting six shots in the face of a gallery a shot-firer and miners retired to places of safety. Unknown to the shot-firer one of the miners returned to the face after five shots had exploded, and was fatally injured by the explosion of the sixth shot. Inspection and inquiry made.
129	2nd September, 11-45 A.M.	Dongri Buzruq mine, Tumsar-Dongri P. O., Central Provinces.	Central Provinces Manganese Ore Co., Ld.	Kandaila Kalar, (m.), 31, <i>Miner.</i>	Mangane- nose.	Two miners were drilling a hole in the bottom of a well when their drill struck an unexploded charge of gelignite and an explosion occurred. One of the men was killed instantly and the other was seriously injured. The accident would have been avoided if they had observed Metalliferous Mines Regulation 82 which prohibits the deepening of empty holes or sockets left after blasting. Inspection and inquiry made.
130	4th September, 9-45 A.M.	Bokaro mine, Bokaro P. O., Bihar and Orissa.	East Indian and Bengal Nagpur Railways.	Bishu Chamar, (m.), 35, <i>Stone-cutter.</i>	Coal	Whilst deceased was breaking stones with a hammer after blasting operations in a quarry he was fatally injured by an explosion. Presumably he had detonated some portion of a charge of explosive which had previously failed to explode. Inspection and inquiry made.
131	9th September, 5-30 P.M.,	Patmohna mine, Sitarampur P. O., Bengal.	North Damuda Coal Co., Ld.	Judhistir Bauri, (m.), 45, <i>Cartridge-maker.</i> Sashi Baurin, (f.), 35, <i>Cartridge case maker.</i>	Coal	In a drying shed, gunpowder was spread over a steam heated iron plate, and a cartridge-maker was breaking up the lumps of powder with a brickbat when the gunpowder suddenly became ignited. He was so severely burnt that he died twelve hours later. Two other persons were also seriously burnt and one of them died four days later. As a match box, matches and cigarette ends were found in the shed after the accident it was assumed that one or more of the men had been smoking and had set fire to the gunpowder. Inspection and inquiry made.
132	26th September, 9-45 A.M.	Sirka mine, Sirka P. O., Bihar and Orissa.	South Karanpura Coal Co., Ltd.	Bhairam, (m.), 35, <i>Coal-cutter.</i>	Coal	In an underground gallery a charge of country gunpowder failed to explode properly although a feeble puff was said to have been audible. After waiting about ten minutes some twelve persons entered the gallery and as they reached the face the shot exploded. One of the men was fatally injured. Inspection and inquiry made.

133	7th October, 1 P.M.	Mosaboni mine, Ghatsila P. O., Bihar and Orissa.	Indian Copper Cor- poration, Ltd.	Nagan Malayia, (m.), 27, Gangabur Nepali, (m.), 28, Drillers.	Copper	Twenty-two shots had been fired at the bottom of a winze driven 60 feet below a level. Some of the shots failed to go off, and on the following day, before the misfired shots had been located, a number of drillers were set to work. Two of them while operating a compressed air drill placed the point of the drill in a hole containing a misfired charge. The latter exploded and the two drillers were killed instantly. Of several other persons who were in the winze, six were seriously injured. Inspection and inquiry made.
134	23rd October, 12 noon.	Bobri mine, Bobri P. O., Bombay.	Government of Bombay (Public Works Depart- ment).	Khamisa, son of Kharoo, (m.), 35, Miner.	Stone	A miner was struck on the head and fatally injured by a piece of stone projected a distance of 160 feet by blasting operations in an open quarry. Inspection and inquiry made.
135	23rd November, 3 P.M.	No. 8 Mica (Sq. Nos. 40K and 40L) mine, Kodarna P. O., Bihar and Orissa.	Chota Nagpur Mica Syndicate.	Veru Moah, (m.), 24, Driller.	Mica	Although warned by the shotfirer and his fellow-workman a driller returned to a drive before the second of two shots had exploded. On his reaching the face of the drive, the second shot exploded and he received injuries which subsequently caused death. Inspection and inquiry made.
136	6th December, 4 A.M.	Fagooni mine, Bajauli P. O., Bihar and Orissa.	Chatturam Darsan- ram.	Khedu Rai, (m.), 25, Driller.	Mica	In the process of drilling a hole to recover a misfired charge the charge exploded. Six persons who were in the vicinity received injuries and one of them died eleven days later. Inspection and inquiry made.
137	21st December, 8-30 A.M.	Taungzun mine, Taungzun P. O., Burma.	Osman Masti Khan & Co.	Bai Dass Oriya, (m.), 46, Po Maung, (m.), 18, Miners.	Stone	In an open excavation two miners tampered with a misfired charge and caused it to explode. One of them was fatally injured and his body fell upon another minor and killed him also. Inspection and inquiry made.
138	29th December, 12-10 P.M.	Bobri mine, Bobri P. O., Bombay.	Government of Bombay (Public Works Depart- ment).	Allahdad Moosa, (m.), 25, Miner.	Stone	A minor was struck on the head and killed instantly by a piece of stone projected a distance of 596 feet by blasting operations in an open quarry. Inspection and inquiry made.

IRRUPTIONS OF WATER—(5 deaths).

139	14th July, 4 P.M.	Sor Range (Lease No. 14) mine, Quetta P. O., Baluchistan.	Nanak Chand	Munali, son of Katha Singh, (m.), 28, Banta, son of Boota, (m.), 25, Gurcharan Singh, son of Sant Singh, (m.), 18, Miners.	Coal	Following a cloudburst, a watercourse on the side of a hill overflowed into a mine tunnel, 180 feet long, dipping at an angle of 45°. Three miners working near the bottom of the tunnel were unable to escape in time and were drowned. Inspection and inquiry made.
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APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
IRRUPTIONS OF WATER—(5 deaths)—contd.						
140	25th August, 5 P.M.	Tuttwe Flat mine, Bokpyin P. O., Burma.	G. H. Hand . . .	Yee Fut, (m.), 50, Ah nang, (m.) 43, Miners.	Tin	Whilst two miners were working in a level near the bottom of a shallow shaft they tapped an old working which contained an accumulation of water. The irruption of water which ensued drowned them both. Inspection and inquiry made.
HAULAGE—(39 deaths).						
141	7th January, 11 A.M.	Kargali mine, Bokaro P. O., Bihar and Orissa.	Great Indian Peninsula Railway.	Raghu, (m.), 35, Coal-cutter.	Coal	A loaded tub fell over the edge of a quarry, and a miner at work 80 feet below was struck by the contents of the tub and fatally injured. Inspection and inquiry made.
142	10th January, 3 P.M.	Damagurria mine, Kulti P. O., Bengal.	Damagurria Coal Co., Ltd.	Ful Kumari, (f.), 27, Coal-carrier.	Coal	A coal-carrier was standing between two stationary trains of loaded tubs in a quarry when a third train of loaded tubs bumped into one of the stationary trains and caused it to move forward. The woman was crushed between the tubs and fatally injured. Inspection and inquiry made.
143	22nd January, 11 P.M.	Jectpur mine, Bhaga P. O., Bihar and Orissa.	Bengal Iron Co., Ld.	Aliar Gope, (m.), 26, Trammer.	Coal	Whilst a loaded tub was being hauled from a level tramline on to a haulage road dipping at 1 in 8, it became derailed at the crossing. A trammer lying by the side of the line was struck and seriously injured by pieces of coal thrown out of the tub. He died ten days later. Inspection and inquiry made.
144	27th January, 10 A.M.	Deoli mine, Dishergarh P. O., Bihar and Orissa.	Deoli Coal Co., Ld.	Gobinda Mullick, (m.), 35, Labourer.	Coal	Whilst a set of six empty tubs was being lowered down a haulage road dipping at 1 in 6 the first tub became uncoupled. After running uncontrolled for about 250 feet it struck and seriously injured two miners and a line repairer who were travelling down the haulage road. One of the men succumbed to his injuries four hours afterwards. Inspection and inquiry made.

145	6th February, 2 P.M.	Central Kirkend mine, Kusanda P. O., Bihar and Orissa.	Central Kirkend Coal Co., Ld.	Banbhu Roy, (m.), 18, <i>Coal-</i> <i>carrier.</i>	Coal	Whilst a train of ten loaded tubs was being drawn up an incline a drawbar broke and six tubs ran wild. Five of these tubs collided with some empty tubs, and deceased who was standing near was fatally injured. Inspection and inquiry made.
146	13th February, 12-30 A.M.	Ramanagar mine, Pandaveswar P. O., Bengal.	Saula Collieries, Ld.	Badi Das Kurmi, (m.), 35, <i>Trammer.</i>	Coal	Whilst a loaded tub was being lowered by hand down a gradient of 1 in 15, a sprag in one of the wheels broke and the tub got out of control. A trammer was struck and fatally injured by the runaway tub. Inspection and inquiry made.
147	14th February, 12-45 P.M.	Bokaro mine, Bokaro P. O., Bihar and Orissa.	East Indian and Bengal Nagpur Railways.	Sulbhadra Gorhin, (f.), 20, <i>Labourer.</i>	Coal	A woman was walking up an endless rope haulage incline, when due to a haulage clip slipping, a train of eight empty tubs ran wild. The tubs were derailed by the runaway switch, but struck the woman, inflicting injuries which subsequently caused death. Had she followed the proper travelling road the accident would not have occurred. Inspection and inquiry made.
148	26th February, 4 A.M.	Bhulanbararee mine, Pachardih P. O., Bihar and Orissa.	Bhulanbararee Coal Co., Ld.	Karoo Kahar, (m.), 23, <i>Trammer.</i>	Coal	Deceased was pushing a tub when he slipped, and one of the wheels ran on to his foot, causing slight injuries. Tetanus supervened, and he died fifteen days later. Inspection and inquiry made.
149	7th March, 7 A.M.	Loyabad mine, Bansjora P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Maheswar Dasadh, (m.), 35, <i>Hookman.</i>	Coal	Deceased was riding on a train of tubs which was being drawn up a haulage slope when he fell and sustained injuries to which he succumbed a few hours later. Inspection and inquiry made.
150	5th April, 2 A.M.	Jamuria mine, Charanpur P. O., Bengal.	Equitable Coal Co., Ld.	Sannoo Bilaspuri, (m.), 35, <i>Coal-</i> <i>cutler.</i>	Coal	One of the planks covering the return pulley of an endless haulage had been removed, and deceased inadvertently stepped on the moving pulley. His leg was so severely injured that he died some hours later. Inspection and inquiry made.
151	6th April, 10 A.M.	Patmohna mine, Sitarampur P. O., Bengal.	North Damuda Coal Co., Ld.	Abhiram Manjhi, (m.), 55, <i>Labourer.</i>	Coal	Whilst a train of four loaded tubs was being hauled up a grade of 1 in 7, deceased, who was presumed to be oiling a haulage roller, failed to keep clear. He was crushed to death by the outgoing train. Inspection and inquiry made.
152	9th April, 12 Noon.	Serampur mine, Giridih P. O., Bihar and Orissa.	East Indian Railway.	Hanif Meah, (m.), 17, <i>Trolleyman.</i>	Coal	Whilst a trolleyman was pushing a loaded tub on an underground roadway, 4 feet high, it became derailed and his head was crushed between the top of the tub and the roof. He sustained fatal injuries. Inspection and inquiry made.
153	28th April, 9-30 A.M.	Katras mine, Katrasgarh P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Kishou Bhuiya, (m.), 48, <i>Haulage</i> <i>attendant.</i>	Coal	As a set of tubs was nearing the top of a haulage incline, the leading tub became derailed. In stopping aside to avoid being struck by the tub, a haulage attendant tripped and received serious injuries to his foot. He died some two weeks later. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accident^s during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
HAULAGE—(39 deaths)—contd.						
154	6th May, 5 P.M.	Sirka mine, Sirka P. O., Bihar and Orissa.	South Karanpura Coal Co., Ltd.	Amin Kahar, (m.), 28, Trolleyman.	Coal	After giving the signal to raise a train of five loaded tubs up a haulage incline rising at 1 in 12, a trolleyman jumped on to the leading tub. His foot slipped off the buffer and he was crushed between the tub and a brick wall. He was fatally injured. He was not authorised to give signals or to ride on the trains. Inspection and inquiry made.
155	16th May, 1-10 P.M.	Bararoo mine, Jealgora P. O., Bihar and Orissa.	East Indian Coal Co., Ltd.	Bauwari Mahato, (m.), 30, Coal-cutter.	Coal	A miner was pushing an empty tub along and underground road on a rising slope of 1 in 30, when the tub collided with four loaded tubs which were moving down. The impact derailed the empty tub and it struck the miner, fatally injuring him. He had been warned not to take in the empty tub until the loaded tubs had been brought out. Inspection and inquiry made.
156	21st May, 9-30 A.M.	Benaleo mine, Raniganj P. O., Bengal.	Chandanmull Indra- kumar.	Shibu Maujhi, (m.), 15; Chunka Maujhi, (m.), 30, Coal-cutters.	Coal	Whilst a train of six loaded tubs was being hauled up a gradient of 1 in 9 the haulage rope broke and the tubs ran wild; they overturned at the entrance to a tramming level, killing one miner and fatally injuring another. Inspection and enquiry made.
157	24th May, 2 A.M.	Kendwadih mine, Kusunda P. O., Bihar and Orissa.	East Indian Coal Co., Ltd.	Rohan Kole, (m.), 50, Coal-cutter.	Coal	A train of eight empty tubs attached to a bogie was being lowered down an endless rope haulage plane, dipping at 1 in 12, when two tubs became uncoupled and ran wild. A miner who was sitting at the side of the road, was struck by one of the tubs and fatally injured. Inspection and inquiry made.
158	31st May, 6-15 P.M.	Kandri mine, Kandri P. O., Central Provinces.	Central Provinces Manganese Ore Co., Ltd.	Somji Gond, (m.), 40, Labourer.	Manga- nese.	Whilst two tubs loaded with ore and attached to the rope of a self-acting incline were being pushed over the brow of the incline a labourer who was pushing the leading tub slipped and fell. His left leg was run over by the second tub and he sustained injuries which proved fatal three days later. Inspection and inquiry made.

159	10th June, 5 P.M.	Govindapur mine, Pardavaswar P. O., Bengal.	Smita Collieries, Ld.	Hrishhi Bauri. (m.), 30, <i>Brakesman.</i>	Coal	Whilst sets of four tubs were being raised and lowered by a self-acting haulage with a gradient of 1 in 9, the haulage rope $\frac{3}{4}$ " diameter, broke. The broken end of the rope struck and cut off the right foot of the brakesman who was operating the jig wheel. He succumbed two days later. Inspection and inquiry made.
160	17th June, 3 A.M.	Begunia Khas mine, Barakar P. O., Bengal.	Maharaja Srish Chandra Nandi.	Latha Manjhi, (m.), 25, <i>Coal-cutter.</i>	Coal	The fence of a terminal wheel of an endless rope haulage was displaced by a passing empty tub which was derailed. Two hours afterwards a miner who was walking along the road, placed his hand on the moving haulage rope and was caught and pulled round the wheel. He was killed instantly. If the fence had been replaced immediately the accident would have been avoided. Inspection and inquiry made.
161	21st June, 5 A.M.	Lower Joyrampur mine, Jharua P. O., Bihar and Orissa.	Ghola Panchan & Co.	Joyotin Bilaspuri, (f.), 30, <i>Coal-carrier.</i>	Coal	Whilst a train of four loaded tubs was being hauled up a gradient of 1 in 4, a coupling chain broke and three of the tubs ran amain down the incline. A coal-carrier was struck by one of the tubs and killed. Inspection and inquiry made.
162	9th July, 6-30 A.M.	Kendwadib mine, Bhagu P. O., Bihar and Orissa.	Harriladib Coal Co., Ld.	Choitah Mahata (m.), 45, <i>Trammer.</i>	Coal	Whilst a trammer was riding on a train of eight loaded tubs which was being hauled up an underground haulage plane, he struck his head against a roof bar and fell between the third and fourth tubs. A wheel of the latter passed over his thigh causing injuries to which he succumbed fifteen hours later. He had not been authorised to ride on the trains. Inspection and inquiry made.
163	10th July, 7 P.M.	Bejdih mine, Sundarchack P. O., Bengal.	Equitable Coal Co., Ld.	Jagneran Singh, (m.), 26, <i>Run-riider.</i>	Coal	Whilst a train of six loaded tubs was being hauled up a slope of 1 in 6 the three front tubs became derailed. A run-rider who was riding on the front of the train sustained a compound fracture of the leg, and subsequently died. Inspection and inquiry made.
164	22nd July, 2-30 P.M.	Bararoo mine, Jualgora P. O., Bihar and Orissa.	East Indian Coal Co., Ld.	Ramdev Jashewra, (m.), 32, <i>Labourer.</i>	Coal	Deceased was said to have been struck by a pulley flung across and underground haulageway by the rope. He died on the following day. Inspection and inquiry made.
165	24th July, 8-15 A.M.	Namdng mine, Margherita P. O., Assam.	Assam Railways and Trading Co., Ld.	Alamgoal Pnthan, (m.), 17, <i>loader.</i>	Coal	Whilst walking into a mine on the first day of his employment deceased met a tub which was being pushed out. His companions stopped to one side where there was ample room, but deceased stepped to the other side and was crushed between the tub and the side of the road. He died from his injuries six days later. Inspection and inquiry made.
166	4th August, 4-30 P.M.	Kodaigson mine, Saoner P. O., Central Provinces.	Indian Manganese Co., Ld.	Baldeo Laria, (m.), 25, <i>Miner.</i>	Manganese	A loaded tub ran away on a haulage incline, dipping at 1 in 3, and fell 125 feet to the bottom of a manganese quarry. A miner was struck and killed instantly by the falling tub. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
			HAULAGE—(39 deaths)—concl'd.			
167	21st August, 8-30 P.M.	Jarandih mine, Bokaro P. O., Bihar and Orissa.	Bombay, Baroda and Central India and Madras and Southern Mahar- atta Railways.	Somai Munda, (m.), 21, Trolleyman.	Coal	Decreased was run over and fatally injured by a tub which ran wild on a haulage slope. The cause of the runaway was a faulty coupling. Inspection and inquiry made.
168	22nd August, 12-20 A.M.	Kendwadih mine, Kusunda P. O., Bihar and Orissa.	East Indian Coal Co., Ltd.	Rohan Mussahar, (m.), 30, Trolleyman.	Coal	Whilst a train of eight empty tubs was being lowered down a haulage plane dipping at 1 in 12 the leading tub became uncoupled, ran uncontrolled for a distance of 180 feet, and was then derailed at the crossing. A trolleyman who was standing near by was struck and fatally injured. Inspection and inquiry made.
169	1st September, 10-30 P.M.	West Jamuria mine, Charanpur P. O., Bengal.	West Jamuria Coal Co., Ltd.	Babujan Meah, (m.), 42, Trolleyman.	Coal	Whilst a train of seven tubs was being hauled round a sharp curve a trolleyman stood on the front buffer to prevent the first tub from being derailed. When the tub was jerked by the haulage rope slipping off a pulley he fell and was struck by the buffer. He was seriously injured and died five weeks later. Inspection and inquiry made.
170	18th September, 11 A.M.	Katras mine, Katrasgarh P. O., Bihar and Orissa.	Burrakur Coal Co., Ltd.	Baran Dhannk, (m.), 55, Trolleyman.	Coal	Whilst pushing an empty tub towards a creeper feeding an underground haulage road, a trolleyman was run into from behind by another empty tub which was gravitating from the shaft bottom on a gradient of 1 in 70. He was seriously injured and subsequently died. Inspection and inquiry made.
171	9th October, 3-30 P.M.	Monoharbahal mine Asansol P. O., Bengal.	Chandannull Indra- kumar.	Kurban Sheik, (m.), 50, Pumpminder.	Coal	A pumpminder was travelling down a haulage incline dipping at 1 in 6 when he was struck and killed instantly by a train of empty tubs which had run away from the top of the incline. If the runaway switch had been operated in proper manner the accident would have been avoided. Inspection and inquiry made.

172	10th October, 1 P.M.	Damagnria mine, Kulti P. O., Bengal.	Damagnria Coal Co. (1930), Ld.	Halku Rout, (m.), 43, <i>Coal-cutter.</i>	Coal	Whilst deceased was crossing a tramline in a quarry he was knocked down by a tub which was running down a gradient. He received injuries from which he died six weeks later. Inspection and inquiry made.
173	6th November, 1-30 P.M.	Standard (Benahr Section) mine, Jharua P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Bhagloo Bhnuya, (m.), 32, <i>Labourer.</i>	Coal	Whilst a train of four empty tubs was being hauled up from a lower level to an upper one, the rear tub became uncoupled and ran wild. Deceased, who was waiting for empty tubs near the curve of the lowest level, ran down the dip instead of into the level road and was overtaken by the runaway tub. He received fatal injuries. Inspection and inquiry made.
174	9th November, 4 A.M.	Bhagaband mine, Jharua P. O., Bihar and Orissa.	Borraa Coal Co., Ld.	Ritan Rai, (m.), 27, <i>Set rider.</i>	Coal	Deceased was riding on a train of nine loaded tubs when the first tub became derailed. It is presumed that he was jumping off the tub to signal "stop" when he struck a trolley which was lying by the side of the road. He sustained injuries to which he succumbed fourteen hours later. Inspection and inquiry made.
175	15th November 4-15 A.M.	Bhowra mine, Jealgora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Joshi Ghatwarin, (f.), 30, <i>Coal loader.</i>	Coal	As a train of empty tubs was entering an underground haulage terminus the leading tub left the rails and struck deceased, causing injuries which proved fatal. Inspection and inquiry made.
176	21st November, 4 P.M.	Nandang mine, Margherita P. O., Assam.	Assam Railways and Trading Co., Ld.	Lallo Ahir, (m.), 20, <i>Coal-filler.</i>	Coal	Deceased was crushed between a moving tub and the side of an underground road. He was fatally injured. Inspection and inquiry made.
177	27th November, 6-15 P.M.	Jamadoba mine, Jealgora P. O., Bihar and Orissa.	Tata Iron & Steel Co., Ld.	Man Singh, (m.), 21, <i>Labourer.</i>	Coal	Whilst a haulage-haul was applying the brakes of two loaded mine cars which he was lowering down a gradient of 1 in 25, he slipped and fell. His right leg was severed by the wheels of the rear car which ran over him and he died three hours later. If the cars had been lowered by the electric locomotive as was the normal practice, the accident would not have occurred. Inspection and inquiry made.
178	11th December, 2-30 A.M.	Bhagaband mine, Jharua P. O., Bihar and Orissa.	Borraa Coal Co., Ld.	Karum Roy, (m.), 42, <i>Run-rider.</i>	Coal	A run-rider fell from a moving train on which he was riding. He was run over and fatally injured. Inspection and inquiry made.

BY UNDERGROUND MACHINERY—(1 death).

179	14th October, 8-30 A.M.	Katras mine, Katrasgarh P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Khnrjat Meah, (m.), 18, <i>Pump-man.</i>	Coal	A pump attendant attempted to pick up the cover of a lubricator which had fallen under the crank shaft of a pump in motion. His clothing becoming entangled by a counter-shaft he received injuries to which he succumbed eight hours later. Inspection and inquiry made.
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APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
SUNDRIES UNDERGROUND—(14 deaths).						
180	28th January, 9-30 P.M.	Kohistan mine, Mumbrani P. O., Bombay.	Government of Bombay, Public Works Depart- ment.	Sukhia s-o Ibrahim, (m.), 35, Miner.	Stone	Deceased, carrying an oil lamp, was walking down a path in a quarry at night when he slipped and fell to the floor of the quarry, 12 feet below. He sustained injuries which proved fatal. Inspection and inquiry made.
181	29th January, 5-15 P.M.	Standard (Benahir sec- tion) mine, Jharia P. O., Bihar and Orissa.	Standard Coal Co., Ld.	Ramdhari Singh, (m.), 30, Traffic sirdar.	Coal	Whilst deceased was walking along an underground gallery a prop 23 feet long, set for the support of the roof, fell and struck him on the head. He sustained a fracture of the skull and died within a few hours. It was surmised that some time before it fell the prop had been struck by a passing tub and partially dislodged. Inspection and inquiry made.
182	2nd February 9-10 A.M.	Hsankhao (Mile 27-2) mine, Nautu P. O., Burma.	Burma Corporation, Ld.	Shoo Yi Kwe, (m.), 40, Driller.	Lime- stone.	Whilst on the way to his working place in a quarry deceased slipped and fell to the bottom of the quarry, 93 feet below. He received injuries from which he died on the following day. Inspection and inquiry made.
183	23rd May, 12-30 A. M.	Kustore mine, Kusanda P. O., Bihar and Orissa.	Raneegango Coal Association, Ltd.	Guhan Mahato, (m.), 40, Labourer.	Coal.	Four men were carrying a rail in an underground roadway 15 feet in height. The rail struck and dislodged a prop causing it to fall towards the two rear men. One of them was killed and the other injured. Inspection and inquiry made.
184	18th June, 5-45 A. M.	Kargali mine, Bokaro P. O., Bihar and Orissa.	Great Indian Peninsula Rail- way.	Jogtu, (m.), 30, Coal-cutter.	Coal.	A shot was about to be fired in a quarry and the shot-firer had warned everyone in the vicinity to get clear. A miner who was running to a place of safety tripped over a plank and in falling struck his head against a bench of coal. He sustained a fracture of the skull and died almost immediately. Inspection and inquiry made.
185	9th July, 6-30 P.M.	Lodna (Nos. 4 & 5 pits) mine, Jharia P. O., Bihar and Orissa.	Lodna Colliery Co. (1920), Ld.	Lochmonia Darbari, (m.), 22, Coal-carrier.	Coal.	Whilst deceased was loading roof coal after blasting in a gallery a piece of coal weighing about 1 cwt. rolled down from a heap of coal 5 feet high and knocked him over. He fell on lumps of coal lying on the floor, and, sustaining a fractured spine, died on the spot. Inspection and inquiry made.

86	16th July, 7th A.M.	Kyauktalonie mine, Mudon P. O., Burma.	Khan Bahadur Ibrahim.	Appana Telegu, (m.), 32, Quarryman.	Stone.	A quarryman after attaching to his person a safety rope descended the face of a quarry with intention to lever down some loose rock. He fell with the rope to the floor of the quarry, 60 feet below, sustaining fatal injuries. He had omitted to examine the fastening of the rope to the steel bar embedded in the rock at the top of the quarry. Inspection and inquiry made.
187	20th July, 11-15 A.M.	Het Kandra mine, Pathardih P. O., Bihar Orissa.	Het Kandra Colliery Co.	Naran Mahato, (m.), 32, Labourer.	Coal.	Deceased was assisting to make a temporary dam in an underground gallery to keep back debris from a surface subsidence, when there was a small unexpected rush of water from the subsidence. In trying to escape he lost his light and fell a vertical distance of 25 feet. He was killed instantly. Inspection and inquiry made.
188	21st July, 8 A.M.	Munzar mine, Kandri P. O., Central Provinces.	Central Provinces Manganese Ore Co., Ltd.	Dhondia Gond, (m.), 55, Miner.	Manga- nese.	A miner who was working on a bench 3 feet wide and 15 feet above the floor of a manganese quarry overbalanced after levering a mass of ore off the face. He fell to the floor of the quarry and sustained injuries from which he died three days later. Inspection and inquiry made.
189	31st July, 3-45 A.M.	Phularitand mine, Katrasgarh P. O., Bihar and Orissa.	Chandannall Indra- kumar.	Jyodh Kumari Gowalin, (f.), 45, Coal-carrier.	Coal.	Deceased was carrying a basket of coal on her head when she slipped and fell over a tram line. She sustained internal injuries and died six hours later. Inspection and inquiry made.
100	31st July, 5 P.M.	Mayangon mine, Mayangon P. O., Burma.	K. B. Ibrahim.	Boragee Oriya, (m.), 35, Quarryman.	Stone.	Whilst a quarryman was using a steel bar to remove overburden from the edge of a quarry he slipped and fell from a height of 70 feet to the floor of the quarry. He sustained serious injuries and died within an hour. A safety rope was provided. Inspection and inquiry made.
191	1st October, 10-30 A.M.	Kala Chowki mine, Talbag P. O., Bombay.	Banjitsingh Shiva- randu Singh.	Ganpat Kamala, (m.), 35, Blaster.	Stone.	A miner lost his footing in an open excavation and falling from a height of 13 feet, sustained fatal injuries.
192	1st November, 10-30 A.M.	Sodepur (9 & 10 pits) mine, Sitarampur P. O., Bengal.	Bengal Coal Co., Ltd.	Soni Mejhan, (f.), 15, Coal-carrier.	Coal.	Whilst a woman was carrying a basket of coal up a gallery rising at 1 in 5 she slipped and the coal from the basket fell on her foot causing serious injuries. She died two days later from septicæmia. Inspection and inquiry made.
193	2nd November, 3-30 P.M.	Shivrajpur mine, Shivrajpur P. O., Bombay.	Shivrajpur Syudi- cate Ltd.	Devilal Genda, (m.), 30, Miner.	Manga- nese Ore	Whilst working in an open excavation a miner overbalanced and fell from a height of 55 feet. He received injuries which proved fatal. Had he used the safety rope provided, the accident would not have happened. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial Number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
BY SURFACE MACHINERY—(4 deaths).						
194	25th January, 7-30 A.M.	Sewri mine, Sewri P. O. Bombay.	McKenzie Ld.	Sukha Mayaji. (m.), 20, <i>Labourer.</i>	Stone	The clothing of a labourer employed on a stone crushing plant became entangled in a revolving shaft. He received injuries to the arm from which he died six days later. Inspection and inquiry made.
195	24th March, 6 A.M.	Kargali mine, Bokaro P. O., Bihar and Orissa.	Great Indian Peninsula Railway.	Amar Nath, (m.), 22, <i>Labourer.</i>	Coal	An oiler was oiling the return wheel of an endless rope haulage when he was caught between the rope and the iron guard covering the wheel. He was fatally injured. He had been definitely instructed not to oil the wheels while the rope was in motion. Inspection and inquiry made.
196	17th April, 4 P.M.	Chora Khas mine, Chora P. O., Bengal.	Chandaumull Indrakumar.	Basu Bauri, (m.), 32, <i>Labourer.</i>	Coal	The gears of a crab-winch which was being used to haul a boiler, became jammed, and when they were freed the handle of the winch whirled round and struck one of the labourers. He sustained injuries which caused death nine days later. Inspection and inquiry made.
197	23rd April, 7-15 A.M.	Joyrampur mine, Jharia P. O., Bihar and Orissa.	Raja Wasta & Sons	Sibal Gope, (m.), 20, <i>Labourer.</i>	Coal	A workman employed at a radial mortar mill worked by a pair of buffaloes was knocked down and crushed by the wooden beam carrying the mixing wheel. He died within a few hours. Inspection and inquiry made.
ON SURFACE RAILWAYS AND TRAMWAYS BELONGING TO THE MINE—7 (deaths).						
198	23rd January, 7 P.M.	Kajora mine, Ondal P. O., Bengal.	Maharajah Shriah Chandra Nandi.	Pada Banri, (m.), 25, <i>Labourer.</i>	Coal	In spite of orders forbidding the practice deceased clambered to the front of a locomotive in motion with the intention to pour sand on the rails. He fell off and was run over and killed instantly. Inspection and inquiry made.
199	30th January, 10-30 A.M.	Kajora mine, Kajoragram P. O., Bengal.	Guzdar Kajora Coal Co.	Sheikh Kaloo, (m.), 22, <i>Labourer.</i>	Coal	On a surface tram line a shunter set a loaded truck in motion with the object of coupling it with a stationary truck. He was crushed between the trucks and sustained an injury to the head which caused death within half an hour. Inspection and inquiry made.

200	7th May, 5 P.M.	Charanpur mine, Charanpur P. O., Bengal.	Apcar Collieries, Ld.	Tamia Tolini, (f.), 45, Labourer.	Coal	Whilst running for shelter from a storm a woman was run over and fatally injured on a surface tram line by a truck moved by the force of the wind. Inspection and inquiry made.
201	11th May, 8-30 P. M.	Bharatkup mine, Bharatkup P. O., United Provinces.	Government of United Provinces. (Public Works Department).	Sheo Ram Ahir, (m.), 35, Tramner	Stone	Whilst a tramner was pushing a loaded tub on a surface tram line dipping at about 1 in 100, four other loaded tubs followed and bumped into the tub, causing it to overturn. Although the man had stopped aside he sustained injuries to which he succumbed two days later. The accident would have been avoided if the tubs which ran away had been previously apragged. Inspection and inquiry made.
202	27th August, 11-30 A. M.	Dongri Buzrug mine, Tumsar-Dongri P. O., Central Provinces.	Central Provinces Manganese Ore Co., Ld	Botibai Kachhi, (f.), 35, Labourer.	Manga- nese	Two loaded tubs containing manganese ore were being lowered down a surface incline graded at 1 in 3½, when a coupling pin came out and both tubs ran wild. Deceased was struck by the tubs and fatally injured. Inspection and inquiry made.
203	28th October, about noon.	Hirdagarh mine, Jumardoe P. O., Central Provinces.	Shiavax C. Cambata & Co. Ld.	Khimesa Goni, (f.), 30, Tramner.	Coal	Whilst attempting to mount a loaded tub in motion on a surface tram line deceased slipped and fell down. The wheel of the tub passed over her right leg and she received injuries to which she succumbed three days later. Inspection and inquiry made.
204	16th November, 9 A. M.	Simlabahal mine, Jharis P. O., Bihar and Orissa.	Bhargora Coal Co., Ld.	Chatari Gopo, (m.), 22, Filler.	Coal	Deceased was one of a gang of men engaged in hand-shunting wagons. He was crossing the siding in front of a moving wagon when he was struck by the buffer and received injuries from which he subsequently died. Inspection and inquiry made.
BY ELECTRICITY (3 deaths),						
205	30th June, 8-30 A. M.	Bauksimula mine, Charanpur P. O., Bengal.	Bengal Coal Co., Ld.	Scmari Bhniya, (m.) 37, Tramner & earth- cutter.	Coal	Deceased was digging earth for the construction of an embankment when one of the conductors of a lighting line broke and fell on him. He was electrocuted. The pressure was 110 volts a. c. with one pole earthed. The conductor was not strong enough to withstand the additional stress caused by high wind pressure. Inspection and inquiry made.
206	10th July, about 6-30 A. M.	Tetfulnari mine, Sifan P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Nathu Meah, (m.), about 52, Not employed. (Poon at Bansalco- pur colliery.)	Coal	During a storm one of the conductors of a 550 volt overhead transmission line broke and fell across a pathway. In attempting to move the wire out of the way deceased was electrocuted. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial Number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Cause of accident and remarks.
BY ELECTRICITY—(3 deaths)—contd.						
207	1st November, 4 A. M.	Pootkee mi. e, Kusunda P. O., Bihar and Orissa	Eastern Coal Co., Ld.	Nannu Pilla, (m.) 24, Machineman.	Coal	A coal-cutting machine was being fitted when the pull on the trailing cable became so great that the insulation of two conductors burst at the dis-engaging gear round which the cable was coiled. This caused the frame of the machine to become "alive". Deceased who was holding the haulage prop received a fatal electric shock. Inspection and inquiry made.
MISCELLANEOUS ON SURFACE (12 deaths).						
208	14th March, 9-20 P. M.	Kustore mine, Kusunda P. O., Bihar and Orissa.	Ranegunge Coal Association, Ld.	Atma Singh, (m.), 40, Fitter.	Coal	A fitter was slackening the bolts of a pipe flange on a boiler feed water system when the hot water sprayed out and he sustained scalds which subsequently caused death. Inspection and inquiry made.
209	15th March, 5-35 P. M.	Lower Joyrampur mine, Jharia P. O., Bihar and Orissa.	Ghela Pauchan & Co.	Bhantu Gope, (m.) 24, Trolleyman.	Coal	Deceased was near the mouth of an incline when an air-blast caused by a collapse of underground workings took place. He was thrown to the ground and fatally injured. Inspection and inquiry made.
210	8th May, 5-50 P. M.	Phularitand mine, Katrnagarh P. O., Bihar and Orissa.	Chaudanmull Indra- kumar.	Khetun Bibi, (f.), 35, Labourer.	Coal	An excavation was being made for a new boiler feed tank, immediately adjacent to an existing feed tank, when one of the walls of the latter collapsed. Two earth-carriers who were working in the excavation were struck and injured severely by the falling debris. One of them died within an hour. Inspection and inquiry made.
211	19th May, 8-30 P. M.	Durgapur mine, Jharia P. O., Bihar and Orissa.	P. D. Hamir & Co.	Hirni Bhaiyan, (f.), 25; Lakshmi Baurin, (f.), 35, Labourers.	Coal	Owing to a collapse of under-ground workings, a surface subsidence took place causing a block of miners' dwellings and another building comprising four rooms to be wrecked. A number of persons were in and about these buildings, and of these persons two were killed and one sustained serious injuries. Inspection and inquiry made.

212	26th July, 12-5 A. M.	Dishergarh East mine, Dishergarh P. O., Bengal.	Equitable Coal Co., Ld.	Rhopal Nepali, (m.), 32 Watchman; Mitoo Moham- malan (m.), 34, Labourer.	Coal	An extensive subsidence of the surface resulting from the collapse of pillars in old under-ground workings involved and partially destroyed a large building which had formerly been used as a Power-house. A labourer and a watchman who had taken shelter in the building during heavy rain were fatally injured. The subsidence was anticipated and a number of dwellings in the vicinity had been dismantled. Inspection and inquiry made.
213	13th August, 2 P. M.	Byaukehnung mine, Yelyu P. O., Burma.	Consolidated Tin Mines of Burma, Ld.	Kan Aye, (m.), 18, Labourer.	Tin and wolfram	During heavy rain a sudden rush of water through a sluice box carried away a labourer into the sluicing channel below. He was partly submerged in silt and suffocated. Inspection and inquiry made.
214	30th August, 12 noon.	Murulidih mine, Mohuda P. O., Bihar and Orissa.	Bengal Coal Co., Ld.	Hurim Bux, (m.), 26, Labourer.	Coal	Two labourers carrying a wooden pole, 27 feet long and 7 inches in diameter, were assisting to move a vertical boiler when one of them slipped and fell. The falling pole struck him on the head and killed him. Inspection and inquiry made.
215	19th September, 8-35 A. M.	Orwad mine, Udwada P. O., Bombay.	Walji Bhimji	Ranchhod Kakadia, (m.), 35, Labourer.	Stone	Deceased was carrying a heavy stone on his head, when he slipped and fell, sustaining an injury from which he died within half an hour. Inspection and inquiry made.
216	12th December, 4 P. M.	Sakhawatari Mahal- sugh mine, Ganwan P. O., Bihar and Orissa.	Ram Ratun Panday and Brij Bhan Singh.	Bishni Gopin, (f), 22, Water-carrier.	Mica	At the top of a shaft a balanced pole weighted at one end was being used for raising water in a bucket from the shaft. Whilst a woman was passing under the pole the balance-weight fell off and struck her on the head, causing fatal injuries. Inspection and inquiry made.
217	17th December, 4 A. M.	Parbelia mine, Dishergarh P. O., Bihar and Orissa.	Bengal Coal Co.,	Kali Turi, (m.), 25, Stone-picker.	Coal	A stone-picker brought a shovelful of burning coal into a screening plant to keep himself warm, and while standing with his back to the fire his clothing caught fire. He was severely burned and died a month later. Inspection and inquiry made.

APPENDIX II—contd.

Fatal Accidents during the year 1930—contd.

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Reason for exclusion.	Cause of accident and remarks.
FATAL ACCIDENTS NOT INCLUDED IN THE STATISTICS—(43 deaths).							
1	30th January, early morning.	Lower and Upper Jharia mine.	Khimji Dossa and Sons.	Jhakar Bhuiya, (m.), 22, Coal-cutter.	Coal	Not a mining accident.	Deceased was asphyxiated whilst sleeping in a closed room into which he had taken a burning brazier.
2	30th January, 8 P. M.	Kankanee mine, Banejora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Rasik Manjhi, (m.), 45, Coal-cutter.	Coal	Not a mining accident.	Deceased was walking down an incline to his work underground when he was overcome by a violent fit of coughing and died of heart failure. Inspection and inquiry made.
3	2nd February 7 A. M.	Katras mine, Katrasgarh P. O., Bihar and Orissa.	Burrakur Coal Co., Ld.	Suku Manjhi, (m.), 23, Coal-cutter.	Coal	Not a mining accident.	Deceased took a brazier into his room and closed the doors and windows. He was asphyxiated.
4	14th February, 9 P. M.	Bolompore mine, Raniganj P. O., Bengal.	Yusuff and Sons	Budhan Pashman, (m.), 55.	Coal	Not employed.	Deceased, who was not an employee himself, but was the father of an employee, was pulling a loaded tub round a curve on a surface tramline when he fell and was run over by the tub. He received injuries from which he died eleven hours later. Inspection and inquiry made.
5	18th February, 7.45 P. M.	Akhalpur mine, Naudi P. O., Bengal.	Hurriladih Coal Co., Ld.	Nana Dhangar, (m.), 18, Wagon loader.	Coal	An accident under the Indian Railways Act.	A wagon loader carrying an open lamp went into a covered railway wagon to remove some straw before commencing to load the wagon. The straw, which was saturated with kerosene, caught fire and he was fatally burned. Inspection and inquiry made.

6	17th March, 8-30 A. M.	Khas Govindpur mine, Katragarh P. O., Bihar and Orissa.	Khas Govindpur Coal Co.	Biltoo Chamar, (m.), 23, <i>Trolleyman.</i>	Coal	Not a mining acci- dent.	Deceased was drowned whilst bathing in an old quarry con- taining 6 feet of water, Inspection and inquiry made.
7	25th March, 5-30 P. M.	Jamuria mine, Charanpur P. O., Bengal.	Equitable Coal Co., Ld.	Baru Bauri, (m.), 50, <i>Tramner.</i>	Coal	An acci- dent under the In- dian Rail- ways Act.	A surface trammer went into a covered railway wagon to remove a layer of straw saturated with kerosene. In light- ing a cigarette he ignited the straw and was burnt to death. Inspection and inquiry made.
8	30th March, 5 P. M.	Sathpukuria mine, Asansol P. O., Bengal.	Sathpukuria and Asansol Colli- eries, Ld.	Ram Chand Bauri, (m.), 25, <i>Coal-cutter.</i>	Coal	Not a mining acci- dent.	The thatched roof of a building was blown off by a gale and fell on two men who were about to take shelter in the build- ing. The thatch was ignited by an open fire and one of the men was burned to death before he could be released. Inspection and inquiry made.
9	11th April, 10 A. M.	Muralidih mine, Mohuda P. O., Bihar and Orissa.	Bengal Coal Co., Ld.	Kalsi Beldarin, (f.), 8½.	Coal	Not em- ployed.	Whilst playing near a surface tram line a child was run over and fatally injured by a moving tub.
10	12th April, 11 A. M.	Lekhapani mine, Margherita P. O., Assam.	Assam Railways and Trading Co., Ld.	Harkabir Thapa (m.), 40, <i>Wood saw- yer.</i>	Coal	Not a mining acci- dent.	A tree which was being cut down fell against another tree and broke off a branch. The falling branch struck a wood- cutter and killed him. Inspection and inquiry made.
11	24th April, 3 P. M.	Karbarbari mine, Giridih P. O., Bihar and Orissa.	East Indian Rail- way.	Tillok Rai, (m.), 25.	Coal	Not em- ployed.	Deceased was drowned in a boiler feed tank. The tank was fenced and bathing in it was not permitted. Inspection and inquiry made.
12	7th May, 5-15 P. M.	Banksimulla mine, Charanpur P. O., Bengal.	Bengal Coal Co., Ld.	Katu Korani, (f.), 25, Pituni Korani, (f.), 35, <i>Coal load- ers,</i> Baduli Korani, (f.) 3 ; Bibi Korani, (f.), 2 ; Chiru Kora, (m.), 6.	Coal	Not a mining acci- dent.	During a violent storm the thatched roof of a block of miners' dwellings was blown off and the thatch was ignited by an open fire on which it fell. Two women and three children who were in the dwellings were fatally burned. Inspection and inquiry made.

APPENDIX II—*contd.*

Fatal Accidents during the year 1970—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Reason for exclusion.	Cause of accident and remarks.
FATAL ACCIDENTS NOT INCLUDED IN THE STATISTICS—(43 deaths)—<i>contd.</i>							
13	7th May, 5-30 P.M.	Poriapur mine, Churulia P. O., Bihar and Orissa.	Poriapur Collieries, Ld.	Domni Baurin, (f.), 50 Wagon load- er.	Coal	Not a mining acci- dent.	During a severe storm a woman employed in loading wagons was blown against a wagon and killed instantly. Inspection and inquiry made.
14	19th May, 9-30 P.M.	Amlabad mine, Jealgora P. O., Bihar and Orissa.	Eastern Coal Co., Ld.	Joy Bahadur Singh, (m.), 25.	Coal	Not em- ployed.	Unnoticed by the attendants, a man who was not employed at the mine and was a stranger to the locality, entered the gear chamber at the terminal of an aerial ropeway. When the machinery was started he was caught in the gearing and fatally injured. Inspection and inquiry made.
15	6th June	Jigralia mine, Domel such P. O., Bihar and Orissa.	Gopal Mahanta and Jahar Mahata.	Goyani Cha- malni, (f.), 17.	Mica	Not em- ployed.	Deceased was found drowned in an abandoned and water-logged quarry. Inspection and inquiry made.
16	16th June, 7 P.M.	Ratlao mine, Ulwada station P. O., Bombay.	Bombay Baroda and Central India Rail- way.	Yamava Nar- sappa, (f.), 10.	Stone	Not em- ployed.	A child was struck on the head and fatally injured by a small splinter of stone, projected a distance of 475 feet, by blasting operations in open workings. Inspection and inquiry made.
17	19th June, 8-20 A.M.	Phulacitand mine, Katrasgarh P. O., Bihar and Orissa.	Chandanmull Indra- kumar.	Fagra Dasarath, (m.), 5.	Coal	Not em- ployed.	Whilst playing near an old waterlogged prospecting pit, a boy fell in and was drowned. Inspection and inquiry made.
18	19th June, 5-30 P.M.	Sendra mine, Bansjora P. O., Bihar and Orissa.	Sendra Coal Co., Ld.	Pashu Singha, (m.), 24, Labourer.	Coal	Not em- ployed.	Whilst assisting in the construction of a temporary shelter for use in celebrating a religious festival, a labourer fell from the structure, a height of 10 feet, and sustained fatal injuries. Inspection and inquiry made.

19	4th July, 10-15 A.M.	Churulia mine, Churulia P. O., Bengal.	Churulia Coal Co., Ld.	Golan Ali, (m), 45.	Coal	Not employed.	A man said to be of unsound mind jumped down a shaft, 170 feet deep, and was killed. Inspection and inquiry made.
20	14th July, 6-45 P.M.	Kalonta mine, Yebyu P. O., Burma.	Consolidated Tin Mines of Burma, Ld.	Abdulla Khan, (m), over 15; Stauna Khan, (m), 15; Malaya, (m.), over 20; (Labourers)	Tin and wolf- ram.	Not a mining accident.	Whilst a number of labourers were crossing a river in an overladen boat the boat sank and three of the men were drowned. The number of passengers was greatly in excess of the maximum laid down in the standing orders. A bridge has since been provided. Inspection and inquiry made.
21	27th July, 10 A. M.	Murli Hill mine, Banjari P.O., Bihar and Orissa.	Kuchwar Lime & Stone Co., Ld.	Jitni Malahin, (f), 40; Amorli Malahin (f), 35; Kila workers, Itwaria Malahin, (f), 10; Not employed. Purrbatia Nonian, (f), 14, Stone-cutter. Phulia Nonian, (f), 8, Not employed.	Lime- stone.	Not a mining accident	Six women and children were bathing in a disused quarry containing 15 feet of water when one of them got into difficulties and was drowned. In trying to rescue her four of the others were also drowned. The quarry was fenced. Inspection and inquiry made.
22	28th August, 11 A. M.	Sutlej mine, Mumbrani P. O., Bombay.	Government of Punjab, (P. W. D., Irriga- tion Branch).	A boy (name not known), (m), 5.	Lime- stone.	Not employed.	A child was run over and killed on a surface tram way.
23	12th Septem- ber, 3-55 P. M.	Katanga mine, Jubbulpore P. O., Central Pro- vinces.	Jagannath Dass	Mat. Kaloo, (f), about 6.	Stone	Not em- ployed.	A child was struck on the head and fatally injured by a piece of stone, weighing about 30 lb. projected a distance of 135 feet by blasting operations in open workings. Inspection and inquiry made.
24	15th Septem- ber, 6-30 A. M.	New Pipratand mine, Mohuda P. O., Bihar and Orissa.	P. Mukherjee & Co.	Patit Paban Banerjee, (m), 2. Jasada Bala Dabi, (f), 2.	Coal	Not em- ployed.	Two infants were playing at the top of an old waterlogged incline, when they fell into water 18 inches deep and were drowned. Inspection and inquiry made.

APPENDIX II—*contd.*

Fatal Accidents during the year 1930—*contd.*

Serial number.	Date and hour of accident.	Name and situation of mine.	Name of owner.	Name, sex, age and occupation of person killed.	Name of mineral worked.	Reason for exclusion.	Cause of accident and remarks.
FATAL ACCIDENTS NOT INCLUDED IN THE STATISTICS—(43 deaths)—<i>contd.</i>							
25	9th October, 9 P. M.	New Damra mine, Kalipahari P. O., Bengal.	Ghusick and Muslia Collieries, Ltd.	Chaitan Bauri, (m.), 63.	Coal	Not employed.	During the hours of darkness a train of three tubs became uncoupled and ran wild on a surface endless haulage road. Deceased, who was under the influence of liquor, was run over and fatally injured whilst attempting to cross the road. Inspection and inquiry made.
26	10th October, 8-30 P. M.	Kymore mine, Kymore P. O., Central Provinces.	The C. P. Cement Co., Ltd.	Unknown (Male).	Limestone.	Not employed.	During the hours of darkness deceased was run over and killed by a train on a railway siding.
27	17th October, 12-35 P. M.	Shaukergarh mine, Shankergarh P. O., United Provinces.	East Indian Railway (Contractor Seth Lala Ram).	Narain, (m.), 40 <i>Labourer.</i>	Stone	Not employed.	Whilst shunting was in progress deceased fell off a loaded wagon. He was run over and sustained serious injuries to which he succumbed on the following day. Inspection and inquiry made.
28	26th October, 2 A. M.	Datla mine, Junnordeo P. O., Central Provinces.	Amalgamated Coal-fields, Ltd.	Toju (Knohhi), (m.), 20, <i>Labourer.</i>	Coal	An accident under the Boilers Act.	Due to the water in a vertical boiler being allowed to fall too low, the boiler broke down and live steam rushed through a small hole made in the outer shell. Deceased was severely scalded and his injuries proved fatal. Inspection and inquiry made.
29	6th November, 12-30 A. M.	Khas Jharia mine, Jharia P. O., Bihar and Orissa.	Seth Khora Ranji.	Ramdas Bhawanji, (m.), 45.	Coal	Not employed.	Owing to a collapse of underground workings, a surface subsidence took place, causing some dwellings to be wrecked. In spite of previous warning deceased refused to vacate his dwelling and was killed. Inspection and inquiry made.

30	1st Decem- ber, 3-30 P. M.	Kateparah mine, Hat Gamaria P.O., Bihar and Orissa.	Maharajah S. O. Naudy.	Phanindra Nath Halder, (m.), 24, General Assistant.	China clay.	Not a mining acci- dent.	Deceased fell from a motor lorry and was fatally injured.
31	3rd Decem- ber, 6-15 P. M.	Jamuria mine, Charanpur P. O., Bengal.	Equitable Coal Co., Ld.	Surja Khayrah, (m.), 28, Trummer.	Coal	An acci- dent under the Indian Rail- ways Act.	Deceased was found lying unconscious on a railway siding. He had sustained such severe internal injuries that shortly afterwards he died. It was presumed that he had been knocked down when a train of wagons was pushed into the siding by an East Indian Railway locomotive. Inspection and inquiry made.
32	26th Decem- ber, 8-30 A.M.	Hermyingyi mine, Hermyingyi P.O., Burma.	Consolidated Tin Mines of Burma, Ld.	Kya Kin The, (m.), 19.	Tin and wolfram	Not em- ployed.	Whilst a boy was picking out mineral from a dump below an adit he was struck on the head and fatally injured by a fragment of stone forming part of a load of stone tipped over the end of the dump. Inspection and inquiry made.

Table

Statement of fatal and serious accidents in and about Mines

Province.	District and Mineral field.	FATAL							
		Number of separate fatal accidents.	Number of deaths.						Total.
			Under-ground.		Open workings.		Surface.		
			Males.	Females.	Males.	Females.	Males.	Females.	
Assam	Makum Coalfield	5	5	...	...	...	...	...	5
	Nazira "	2	3	...	...	...	...	...	3
Baluchistan	Baluchistan Coalfield	2	4	...	...	...	...	...	4
Bengal (and part of Bihar and Orissa).	Baniganj Coalfield	61	54	7	4	1	10	2	76
Bihar and Orissa	Jharia Coalfield	84	70	9	4	2	9	3	97
	Bokaro "	9	3	...	6	1	1	...	11
	Karanpura "	2	2	...	...	...	...	...	2
	Giridih "	5	4	2	...	...	...	...	6
Central Provinces	Pench Valley Coalfield	4	3	...	...	...	...	1	4
Punjab	Salt Rango Coalfield	1	1	...	...	...	...	...	1
Total (Coal)		175	149	18	14	4	20	6	211

DIX II.

No. 2.

regulated by the Indian Mines Act, during the year 1930.

ACCIDENTS.				SERIOUS ACCIDENTS.												
Death rate per 1,000 persons employed.				Number of separate serious accidents.	Number of persons seriously injured.							Serious injury rate per 1,000 persons employed.				
Underground.	Open workings.	Surface.	Underground, Open workings and Surface.		Underground.		Open workings.		Surface.			Total.	Underground.	Open workings.	Surface.	Underground, Open workings and surface.
					Males.	Females.	Males.	Females.	Males.	Females.						
AL																
2.68	...	...	1.84	74	53	...	...	...	24	...	78	27.87	...	28.04	20.83
7.58	...	...	4.80	2	2	...	...	...	1	...	8	5.05	...	4.37	4.80
24.69	...	...	18.87	...	...	...	...	...	...	...	...	...	...	...	...
1.84	4.04	0.73	1.42	92	67	16	1	1	18	1	104	2.24	1.62	1.15	1.90	
1.76	2.03	0.50	1.35	166	124	22	1	...	37	5	169	3.26	0.34	1.74	2.63	
1.97	0.71	0.20	0.67	38	11	1	14	4	11	2	43	7.67	1.82	2.65	2.63	
1.17	...	...	0.53	6	2	...	...	...	3	1	6	1.17	...	6.02	1.53
1.06	...	...	0.76	21	11	6	...	...	4	...	21	3.00	...	2.06	2.66
0.73	...	0.60	0.69	47	30	5	...	...	12	2	49	6.53	...	8.33	8.46
1.92	...	...	1.04	8	6	...	...	...	2	...	8	11.52	...	4.51	8.30
1.67	1.07	0.50	1.25	454	305	50	16	5	112	11	499	3.55	1.25	2.35	2.97	

Table

Statement of fatal and serious accidents in and about Mines

Province.	District and Mineral field.	Number of separate fatal accidents.	FATAL						Total.	
			Number of deaths.							
			Under-ground.		Open workings.		Surface.			
			Males.	Females.	Males.	Females.	Males.	Females.		
Bihar and Orissa . . .	Singhbhum District . . .	...	...	...	...	...	...	...	IRON
Bombay	Panch Mahals	1	...	...	1	...	...	...	MANGA
Central Provinces . . . . .	.....	7	...	...	5	...	1	1	7
Madras . . . . .	.....	...	...	...	...	...	...	...	...
	Total (Manganese Ore)	8	...	...	6	...	1	1	8
Burma	Northern Shan States	4	4	4	LEAD
Burma	7	3	...	4	...	1	...	8	TIN AND

DIX II—*contd.*No. 2—*contd.*regulated by the Indian Mines Act, during the year 1930—*contd.*

ACCIDENTS.				SERIOUS ACCIDENTS.											
Death rate per 1,000 persons employed.				Number of separate serious accidents.	Number of persons seriously injured.							Serious injury rate per 1,000 persons employed.			
Underground.	Open workings.	Surface.	Underground, Open workings and Surface.		Underground.		Open workings.		Surface.			Underground.	Open workings.	Surface.	Underground, Open workings and Surface.
					Males.	Females.	Males.	Females.	Males.	Females.	Total.				
ORE															
...	...	...	...	14	...	...	4	...	10	...	14	...	0.67	7.46	2.35
NESEORE															
...	1.17	...	0.79	8	...	...	5	2	1	...	8	...	8.22	2.45	6.35
...	0.50	0.79	0.52	25	1	...	17	3	5	...	26	1.11	1.95	1.97	1.92
...	...	...	...	1	...	...	1	...	...	...	1	...	0.80	...	0.69
...	0.46	0.57	0.45	34	1	...	23	5	6	...	35	1.01	2.13	1.72	1.96
ORE															
0.76	...	...	0.67	163	152	...	...	...	12	...	164	29.04	...	16.15	27.23
WOLFRAM ORE															
2.68	0.63	1.37	0.97	10	1	...	6	...	3	...	10	0.89	0.94	4.12	1.22

DIX II—contd.

No. 2—contd.

regulated by the Indian Mines Act, during the year 1930—contd.

ACCIDENTS.				SERIOUS ACCIDENTS.											
Death rate per 1,000 persons employed.				Number of separate serious accidents.	Number of persons seriously injured.							Serious injury rate per 1,000 persons employed.			
Underground.	Open workings.	Surface.	Underground, Open workings and Surface.		Underground.		Open workings.		Surface.		Total.	Underground.	Open workings.	Surface.	Underground, Open workings and Surface.
					Males.	Females.	Males.	Females.	Males.	Females.					
STONE															
...	...	...	...	3	...	...	1	...	2	...	3	...	0.87	0.87	2.07
...	...	...	...	1	...	...	...	...	1	...	1	...	...	142.66	2.47
...	8.70	...	8.57	3	...	...	3	...	...	...	3	...	8.70	...	8.57
...	0.22	...	0.19	4	...	...	4	...	2	...	6	...	0.87	3.34	1.16
...	...	...	...	5	...	...	2	...	3	...	5	...	2.72	3.01	2.89
...	0.55	...	0.44	16	...	...	10	...	8	...	18	...	1.89	4.21	1.97
NE															
...	...	...	...	1	...	...	...	...	1	...	1	...	...	2.22	1.33

Statement of fatal and serious accidents in and about Mines

Province.	District and Mineral field.	FATAL							
		Number of separate fatal accidents.	Number of deaths.						Total.
			Under-ground.		Open workings.		Surface.		
			Males.	Females.	Males.	Females.	Males.	Females.	
									STO
Bihar and Orissa . . . . .	.....	1	...	...	1	...	...	...	1
Bombay . . . . .	.....	7	...	...	6	...	2	...	8
Burma . . . . .	.....	3	...	...	4	...	...	...	4
Punjab . . . . .	.....	1	...	...	1	...	...	...	1
United Provinces . . . . .	.....	2	...	...	1	...	1	...	2
	Total (Stone)	14	...	...	13	...	3	...	16
									SAND
Burma . . . . .	.....	...	...	...	...	...	...	...	...
									MU
Bombay . . . . .	.....	...	...	...	...	...	...	...	...
	Grand Total (All minerals).	217	160	18	42	4	25	8	257

DIX II—*contd.*No. 2—*conold.*regulated by the Indian Mines Act, during the year 1930—*conold.*

ACCIDENTS.				SERIOUS ACCIDENTS.													
Death rate per 1,000 persons employed.				Number of separate serious accidents.	Number of persons seriously injured.									Serious injury rate per 1,000 persons employed.			
Underground.	Open workings.	Surface.	Underground, Open workings and Surface.		Underground.		Open workings.		Surface.			Underground.	Open workings.	Surface.	Underground, Open workings and Surface.		
					Males.	Females.	Males.	Females.	Males.	Females.	Total.						
NE—<i>contd.</i>																	
...	0.60	...	0.31	1	...	...	1	...	...	...	1	...	0.50	...	0.31		
...	2.44	4.15	2.73	7	...	...	6	...	2	...	8	...	2.44	4.15	2.73		
...	1.15	...	1.08	9	...	...	10	1	...	...	11	...	3.16	...	2.98		
...	1.03	...	0.61	1	...	...	...	...	1	...	1	...	...	3.83	0.61		
...	0.53	1.30	0.75	1	...	...	...	...	1	...	1	...	...	1.30	0.38		
...	1.14	0.64	1.06	20	...	...	17	1	5	...	23	...	1.57	1.40	1.53		
STONE																	
...	...	...	...	1	...	...	...	...	1	...	1	...	...	125.09	6.21		
RUM																	
...	...	...	...	1	...	...	...	...	1	...	1	...	...	15.39	0.78		
1.46	0.64	0.47	0.98	745	499	52	79	11	162	12	815	4.58	1.26	2.49	3.11		

APPENDIX II—contd.

Table No. 3.

Statement of fatal accidents in Mines regulated by the Indian Mines Act, during the year 1930, classified according to cause of accident.

Mineral worked.	Number of separate fatal accidents.	Number of persons killed.											Death rate per 1,000 persons employed.					
		Explosions and ignitions of fire-damp.	Falls of roof.	Falls of side.	In shafts.	Suffocation by gases.	By explosives.	Eruptions of water.	Haulage.	By underground machinery.	Miscellaneous underground.	Surface.	By electricity.	Total deaths.	Underground.	Open workings.	Surface.	Underground, Open workings and Surface.
Coal	175	12	48	53	9	6	15	3	37	1	7	17	3	211	1.67	1.07	0.50	1.25
Manganese Ore.	6	...	...	2	...	...	1	...	2	...	2	1	...	8	...	0.46	0.57	0.45
Lead Silver	4	...	1	2	1	...	...	...	...	...	...	...	...	4	0.76	...	...	0.67
Mica	4	...	...	1	...	...	2	...	...	...	...	1	...	4	0.19	0.22	0.31	0.22
Tin and Wolfram Ore.	7	...	1	4	...	...	...	2	...	...	...	1	...	8	2.68	0.63	1.37	0.97
Copper Ore	1	...	...	...	...	...	2	...	...	...	...	...	...	2	2.77	...	...	1.84
Limestone	4	...	...	2	...	...	...	...	...	...	2	...	...	4	...	0.55	...	0.44
Stone	14	...	...	4	...	...	6	...	...	...	3	3	...	16	...	1.14	0.34	1.06
Total 1930	217	12	50	68	10	6	26	5	39	1	14	23	3	257	1.48	0.64	0.47	0.98
Total of preceding year.	212	8	99	54	13	2	9	...	31	...	21	27	2	266	1.76	0.37	0.42	0.99
Difference	+5	+4	-49	+14	-3	+4	+17	+5	+8	+1	-7	-4	+1	-9	-0.28	+0.27	+0.05	-0.01

APPENDIX III.

Statement of prosecutions under the Indian Mines Act, and Indian Penal Code, during the year 1930.

Provinces.	District.	Number of prosecutions.	Number of persons prosecuted.	Number of persons convicted.	Number of Regulations, Rules and Bye-laws and Sections of the Act contravened.	REMARKS.
Bengal	Bankura . . .	1	2	2	Regulation 3 (3) of the Indian Coal Mines Regulations, 1926.	
	Burdwan . . .	1	1	1	Section 15 of the Act., Regulations 58 (1) and 70 (2) and Rule 9.	
	Do. . . .	1	1	1	Section 23 (a) of the Act.	
	Do. . . .	1	2	...	Regulation 84 of the Indian Coal Mines Regulations, 1926.	Both the accused were acquitted.
	Do. . . .	1	1	1	Regulation 59 (2) of the Indian Coal Mines Regulations, 1926, read with Regulation 67.	
	Do. . . .	1	1	1	Regulation 117 of the Indian Coal Mines Regulations, 1926.	
	Do. . . .	1	2	...	Regulations 82, 101, 108 and 146 of the Indian Coal Mines Regulations, 1926.	Case dropped as accused could not be traced.
	Do. . . .	1	2	...	Regulations 92 and 146 of the Indian Coal Mines Regulations, 1926.	Both acquitted.
	Do. . . .	1	1	1	Bye-law 14 and Regulation 147 of the Indian Coal Mines Regulations, 1926.	
	Do. . . .	1	1	...	Regulation 143 of the Indian Coal Mines Regulations, 1926 and Bye-law 8.	Case withdrawn.
Bihar and Orissa.	Gaya	4	4	...	Regulation 3 (1) of the Indian Metalliferous Mines Regulations, 1926.	Cases dropped.
	Hazaribagh . . .	1	2	...	Rule 18 of the rules made by the Local Government.	Case dropped as accused could not be traced.
	Do. . . .	2	2	2	Regulations 3(1) and (2) of the Indian Metalliferous Mines Regulations, 1926.	

APPENDIX III—*contd.*

Statement of prosecutions under the Indian Mines Act, and Indian Penal Code, during the year 1930—*contd.*

Province.	District.	Number of prosecutions.	Number of persons prosecuted.	Number of persons convicted.	Number of Regulations, Rules and Bye-laws and Sections of the Act contravened.	REMARKS.
Bihar and Orissa— <i>contd.</i>	Manbhum . . .	1	1	1	Regulations 70(7), 88, and 149 of the Indian Coal Mines Regulations, 1926.	
	Do. . . .	1	3	3	Regulations 86 and 138 of the Indian Coal Mines Regulations, 1926 and Rule 13 read with Regulation 146.	
	Do. . . .	1	2	1	Regulation 70(5) of the Indian Coal Mines Regulations 1926, read with Regulation 152 and Rule 9 read with Section 28 of the Act, and Section 15 of the Act.	Case against one of the accused was withdrawn.
	Do. . . .	3	5	3	Section 15 of the Act read with Regulation 23 of the Indian Coal Mines Regulations, 1926.	Two of the accused were acquitted.
	Do. . . .	2	2	...	Regulations 17 of the Indian Coal Mines Regulations, 1926.	Case dropped.
	Do. . . .	1	2	1	Rule 23 and Regulation 146 of the Indian Coal Mines Regulations, 1926.	One of the accused was acquitted.
	Do. . . .	1	2	...	Regulation 76 of the Indian Coal Mines Regulations, 1926.	Both the accused were acquitted.
	Do. . . .	1	2	2	Rule 18 made under Section 30 of the Indian Mines Act, 1923.	
	Do. . . .	1	1	1	Rule 17 made under Section 30 of the Indian Mines Act, 1923.	
	Do. . . .	1	3	2	Rule 9 and Regulations 88 and 152 of the Indian Coal Mines Regulations, 1926.	One of the accused was acquitted.
	Do. . . .	1	3	1	Regulations 24 (3) (c), 77, 137 and 81 (c) of the Indian Coal Mines Regulations, 1926.	Case against two of the accused was dropped.

APPENDIX III—*contd.*

Statement of prosecutions under the Indian Mines Act, and Indian Penal Code, during the year 1930—*contd.*

Province.	District.	Number of prosecutions.	Number of persons prosecuted.	Number of persons convicted.	Number of Regulations, Rules and Bye-laws and Sections of the Act contravened.	REMARKS.
Bihar and Orissa— <i>concd.</i>	Marhnum . . .	1	2	2	Regulation 75, 81(c) and 139 of the Indian Coal Mines Regulations, 1926.	
	Do.	1	4	4	Regulations 67, 81(c) and 138(1) of the Indian Coal Mines Regulations, 1926.	
	Do.	1	2	2	Under Notification No. M.-1055, dated 7th March 1929 and Regulation 149 of the Indian Coal Mines Regulations, 1926.	
	Do.	1	1	1	Section 23 of the Act read with Rule 9.	
	Do.	1	2	...	Regulations 117, 143 and 144 of the Indian Coal Mines Regulations, 1926.	Judgment has not yet been pronounced.
	Do.	1	2	2	Regulations 82, 84 and 148 of the Indian Coal Mines Regulations, 1926.	
	Do.	1	2	2	Regulations 144 and 147 of the Indian Coal Mines Regulations, 1926.	
	Do.	1	2	2	Section 16 of the Indian Mines Act, and Bye-law 8.	
	Do.	3	7	3	Regulations 3(2) and (3) of the Indian Coal Mines Regulations, 1926.	Cases against four of the accused were withdrawn.
	Monghyr . . .	3	3	2	Regulations 3(1) and (2) of the Indian Metalliferous Mines Regulations, 1926.	One of the accused could not be traced.
Santhal Parganas	3	5	5	Regulation 3 (1) of the Indian Metalliferous Mines Regulations, 1926.		
Singbhum	1	2	1	Sections 286 and 304A of the Indian Penal Code.	One of the accused was acquitted.	

APPENDIX III—*conold.*

Statement of prosecutions under the Indian Mines Act, and Indian Penal Code, during the year 1930—*conold.*

Province.	District.	Number of prosecutions.	Number of persons prosecuted.	Number of persons convicted.	Number of Regulations, Rules and Bye-laws and Sections of the Act contravened.	REMARKS.
Burma . .	Kyaukse . .	1	1	...	Regulation 3 (1) of the Indian Metalliferous Mines Regulations, 1926.	Case dropped as accused could not be traced.
Central Provinces.	Jubbulpore . .	1	1	...	Regulation 3 (1) of the Indian Metalliferous Mines Regulations, 1926.	Case dropped.
	Nagpur . .	1	1	1	Regulation 3 (1) of the Indian Metalliferous Mines Regulations, 1926.	
Madras . .	Nellore . .	2	2	...	Regulations 3(1) and (2) of the Indian Metalliferous Mines Regulations, 1926.	Both the cases were dropped.
Punjab . .	Shahpur . .	1	1	...	Regulation 3 (1) of the Indian Metalliferous Mines Regulations, 1926.	The accused was acquitted.
United Provinces.	Hamirpur . .	1	1	1	Regulation 3(1) of the Indian Metalliferous Mines Regulations, 1926.	
TOTAL .		56	89	52		

APPENDIX IV.

Miscellaneous.

Statement No. 1.

LIST OF INSPECTION CIRCLE.

No. 1 Circle.	No. 2 Circle.
<p>1. All mines in Baluchistan.</p> <p>2. All mines in Bihar and Orissa except mines in the District of the Santhal Parganas and such mines in the District of Manbhum as lie east of a line drawn from mile 175 on the Bengal Nagpur Railway to mile 169 on the Grand Trunk Road and continued in a straight line across the District.</p> <p>3. All mines in the North-West Frontier Province.</p> <p>4. All mines in the Panjab.</p> <p>5. All mines in Rajputana.</p> <p>6. All mines in the United Provinces.</p>	<p>1. All mines in Assam.</p> <p>2. All mines in Bengal.</p> <p>3. Such mines in Bihar and Orissa as lie in the District of the Santhal Parganas and in the District of Manbhum east of a line drawn from mile 175 on the Bengal Nagpur Railway to mile 169 on the Grand Trunk Road and continued in a straight line across the District.</p> <p>4. All mines in Bombay.</p> <p>5. All mines in Burma.</p> <p>6. All mines in the Central Provinces.</p> <p>7. All mines in Madras.</p>

Statement No. 2.

Names of persons to whom first and second class certificates of competency to manage a coal mine were granted during the year 1930.

Certificates granted to holders of English certificates of competency.

(a) FIRST CLASS.

Name.	Number of Indian certificate.	Date of Indian certificate.	Number of English certificate.	Date of English certificate.
Barrowman, Alexander Anderson .	351	21st February 1930	2077	5th August 1927.
Guha, Anil Bandhu . . .	352	25th September 1930.	2379	26th July 1929.
Mandal, Dharendra Kumar . .	353	Ditto . .	2401	Ditto.
Hope, Percy Francis . . .	354	Ditto . .	2129	5th August 1927.

(b) SECOND CLASS.

		Nil.		
--	--	------	--	--

APPENDIX IV—*contd.*Miscellaneous—*contd.*Statement No. 2—*contd.*

Names of persons to whom first and second class certificates of competency to manage a coal mine were granted during the year 1930—*contd.*

INDIAN CERTIFICATES.

(a) FIRST CLASS.

Name.	No. of certificate.	Date of certificate.	REMARKS.
Mitra, Jnanendra Nath	205	1st April 1930.	
Williams, Thomas Hugh	206	Ditto.	
Samanta, Indra Mohan	207	Ditto.	

(b) SECOND CLASS.

Name.	No. of certificate.	Date of certificate.	REMARKS.
Mitra, Jatindra Nath	448	1st April 1930.	
Tah, Jitendra Nath	449	Ditto.	
Oliver, David Frederick Arthur	450	Ditto.	
Das, Benode Behari	451	Ditto.	
Mukherjee, Gopal Chandra	452	Ditto.	
Sarkar, Nripendra Nath	453	Ditto.	

APPENDIX IV—*contd.***Miscellaneous—*contd.*****Statement No. 2—*concl.***

Name of person to whom colliery surveyors' certificate of competency was granted during the year 1930.

Name.	No. of certificate.	Date of certificate.	REMARKS.
Kutumba, Yeshwant Mahadeo	51	5th February 1930.	

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 3.

GOVERNMENT OF INDIA.

DEPARTMENT OF INDUSTRIES AND LABOUR.

NOTIFICATION.

New Delhi, the 11th March 1930.

No. M.-987.—The Governor General in Council directs that the following alterations shall be made in the list, published in Notification No. M.-987, dated the 28th January 1927, of institutions approved for the purposes of regulations 34, 35 and 39 of the Indian Coal Mines Regulations, 1926 :—

Under the heading "India", the following entry shall be omitted, namely :—

Name of Institution.	Degree, Diploma or Certificate.	Date.
"Calcutta University"	Degree of Bachelor of Engineering in the Branch of Mining Engineering.	24th September 1910."

Under the heading "United Kingdom" for the following entries, namely :—

Name of Institution.	Degree, Diploma or Certificate.	Date.
"Glasgow Royal Technical College"	Diploma in Mining	28th June 1904."
"Glasgow University"	Degree and Diploma in Mining	28th September 1904."

The following shall be substituted, namely :—

Name of Institution.	Degree, Diploma or Certificate.	Date.
"Glasgow University"	Degree of B. Sc. in Mining Engineering	23rd March 1928."
"Glasgow University"	Certificate of Proficiency in Mining	2nd August 1928."

J. A. SHILLIDY,

Secretary to the Government of India.

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 4.

GOVERNMENT OF INDIA.

DEPARTMENT OF INDUSTRIES AND LABOUR.

NOTIFICATION.

Simla, the 16th April 1930.

No. M.-665.—In exercise of the powers conferred by sub-section (1) of section 46 of the Indian Mines Act, 1923 (IV of 1923) as amended by the Indian Mines (Amendment) Act, 1928 (XIII of 1928) and in supersession of the notification of the Government of India in the Department of Industries and Labour, No. M.-1051, dated the 23rd December 1926 as subsequently amended by notifications No. M.-1051, dated the 25rd November 1927 and No. M.-1051, dated the 1st March 1928, the Governor-General in Council is pleased to exempt the mines groups of mines, classes of mines, parts of mines and classes of persons specified in the first column of the annexed schedule from the operation of such provisions of the said Act as are specified in the corresponding entry in the second column thereof.

SCHEDULE.

<p>1. Mines of kanker, murum, laterite, gravel, sand, clay (not including kaolin, china clay or white clay), fire-clay, ochre, stone, earth, fuller's earth, borytes, bauxite, slate and lime-stone:</p> <p>Provided that the depth of the excavation measured from the level of the adjacent ground nowhere exceeds 20 feet and that not more than 50 persons are employed at any one time in or about the mine: Provided further that this exemption shall not apply to—</p> <p>(a) Slate mines in the Province of the Punjab and in the Monghyr district of the Province of Bihar and Orissa.</p> <p>(b) Lime-stone mines in the districts of Shahabad and Jubbulpore.</p> <p>(c) The Danapahari fire-clay mine situate in Bonjamuri village in the Asansol sub-division of the Bardwan district</p>	All.	<p>Provided that—</p> <p>(i) not more than 20 persons are employed in or about such excavation;</p> <p>(ii) no part of the excavation extends beneath the superjacent ground; and</p> <p>(iii) the depth of the excavation measured from the level of the adjacent ground nowhere exceeds 20 feet or, in the case of an excavation for coal, 50 feet.</p>	
2. Borings and oil wells	All.		
3. Mines or parts of mines in which excavation is being carried out for prospecting purposes only and not for the purpose of obtaining minerals for use or sale:	All.	<p>4. Iron-ore mines worked without mechanical power, the whole of the ore from which is supplied locally to village smelters and blacksmiths.</p> <p>5. The following mines in the North-West Frontier Province, namely:—</p> <p>(i) Salt mines in the Kohat district.</p> <p>(ii) Carbonaceous clay pits in the Hazara district.</p> <p>6. The following mines in the Province of Burma, namely:—</p> <p>(i) Steatite mines in the Kyaukpyn, Chin Hills and Minbu districts and the Pakokku Hill Tracts and native precious stone mines in the Katha District.</p>	All. All. All. All.

APPENDIX IV—*contd.*Miscellaneous—*contd.*Statement No. 4—*contd.*

GOVERNMENT OF INDIA.

DEPARTMENT OF INDUSTRIES AND LABOUR.

NOTIFICATION.

Simla, the 16th April 1930.

SCHEDULE.

(ii) Other precious stone mines in the Katha district.	The provisions contained in sections 23, 23A, 23B and 28.	8. The following mines in the United Provinces, namely—	
(iii) All mines in the Federated Shan States.	All.	(i) Stone quarry hill Tendua Nos. 37/1, 38/1, 38/4, 38/3, 29/3 and 32/1 at village Bargeh in the Mirzapur district.	All.
(iv) The ore dressing plant of the Burma Corporation Limited, at Namtu, Northern Shan States.	All.	(ii) Stone quarry hill Darhia Nos. 343/3, 30, 181 and 182 at village Baragaun in the Mirzapur district.	All.
7. The following mines in the Province of Bihar and Orissa, namely:—		9. The following mines in the Presidency of Bombay namely:—	
(i) The coke factory of the Bunnakur Coal Co., Ltd., at Loyahad in the Manbhum district.	All.	(i) Kharkhada stone quarry in the Kaira District.	All.
(ii) The coke factory of the Barari Coke Co., Ltd., at Kendwadih in the Manbhum district.	All.	10. Persons employed on the tribute system in tin and Wolfrum mines in the Province of Burma.	The provisions contained in sections 23, 23A, 23B and 28.
(iii) The coke factory of the Eastern Coal Co., Ltd., at Bhowra in the Manbhum district.	All.	11. Persons employed in the loading of wagons, tubs or carts on the surface and cartmen on the surface.	The provisions contained in sections 23A, 23B and 28(2).
(iv) The coke factory of the Lodna Colliery Co., Ltd., at Lodna in the Manbhum district.	All.	12. Firemen winding enginemen, pumpmen and horsekeepers.	The provisions of section 23(1) (a).
(v) The coke factory of the East Indian Railway Company at Giridih in the Hazaribagh district.	All.	13. Convicts employed in the Public Works Department mines in Burma.	The provisions contained in section 28.
(vi) Open excavations for coal in the Rajmahal coal-fields in the district of the Santhal Parganas, provided that not more than 20 persons are employed in or about the mine at any one time.	All.		

J. A. SHILLIDY,

Secretary to the Government of India.

APPENDIX IV—contd.

Miscellaneous—contd.

Statement No. 5.

NOTIFICATION.

Bombay Castle, the 20th January 1930.

No. 700/29.—In exercise of the powers conferred by section 30 of the Indian Mines Act, 1923 (IV of 1923), the Governor in Council is pleased further to amend the rules published in Government Notification in the Revenue Department No. 10029, dated the 6th September 1924, as follows :—

For Schedule A appended to the said rules the following shall be substituted, namely :—

SCHEDULE A.

Register of work persons (section 28 of the Indian Mines Act, 1923).

(See rule 10.)

Name of mine.....

Name of owner of mine.....

Week commencing.....

Name.	Age and Sex.	Father's name.	Caste or religion.	Nature of work.
1	2	3	4	5

During the week ending 19 .

No. of days worked.	No. of hours worked.	Days of rest enjoyed.
6	7	8

By order of the Governor in Council,

J. W. SMYTH,

Secretary to Government,

Revenue Department.

APPENDIX IV—contd.

Miscellaneous—contd.

Statement No. 6.

GOVERNMENT OF MADRAS.
DEVELOPMENT DEPARTMENT.*The 5th May, 1931.*

Mines—Indian Mines Act, 1923—Rule 9—Register of work persons—Amendment published.

NOTIFICATION.

No. 945.—In exercise of the powers conferred by clauses (f) and (k) of section 30 of the Indian Mines Act, 1923 (Act IV of 1923), read with section 21 of the General Clauses Act, 1897 (Act X of 1897), the Governor in Council is hereby pleased to make the following amendment to the rules published with the notification of the Local Government in the Development Department No. 6, dated 26th November 1924, at pages 35–36 of Part I of the *Fort St. George Gazette*, dated 6th January 1925, as subsequently amended, the same having been previously published as required by sub-section (1) of section 31 of the Indian Mines Act, 1923:—

Amendment.

For Schedule A appended to the said rules, the following schedule shall be substituted, namely:—

Schedule A.

REGISTER OF WORK PERSONS EMPLOYED.

[Sections 28 and 30 (f) and (k), Indian Mines Act, 1923.]

Name of mine.....

Names of owners of mine.....

Name. (1)	Caste. (2)	Age and sex. (3)	Father's name or in the case of a married woman or widow, husband's name. (4)	Nature of work. (5)	Sunday.		Monday.	
					In. (6)	Out. (7)	In. (8)	Out. (9)

Tuesday.		Wednesday.		Thursday.		Friday.		Saturday.		Number of hours worked during the week ending 19 . (20)
In. (10)	Out. (11)	In. (12)	Out. (13)	In. (14)	Out. (15)	In. (16)	Out. (17)	In. (18)	Out. (19)	

NOTE.—Two lines should be used for each employee, one for morning and one for afternoon to show the interval allowed for midday meal and rest.

(By order of the Governor in Council)

S. V. RAMAMURTI,

Secretary to Government.

APPENDIX IV.—*contd.*Miscellaneous—*contd.*

Statement No. 7.

NOTIFICATION.

15th April 1930.

No 46 F. Com.—In exercise of the power conferred by sub-section (b) of section 30 of the Indian Mines Act, 1923 (IV of 1923), the Governor in Council is pleased to make the following amendments in the rules published with Government notification No. 4783-Com., dated the 29th August 1924 :—

(a) In the rules for coal mines in chapter VI, *renumber* the existing rule 22 as 22 (2) and *insert* the following as rule 22 (1) :—

22 (1). A Court of Inquiry appointed under section 21 of the Act shall, in the case of a person whose death may have been caused by an accident in a mine with respect to which an inquiry is being held, permit any of the following persons to attend and examine any witness, either in person or by his counsel, solicitor, pleader or agent, subject to the power of the Court to disallow any question which, in its opinion, is not relevant or proper :—

- (1) a relative of the deceased person,
- (2) the owner, agent or manager of the mine in which the accident occurred, and
- (3) a person appointed by an order in writing in that behalf by—
 - (a) a majority of the workmen employed at the said mine,
 - (b) an association of workmen to which the deceased belonged at the time of his death,
 - (c) an association of employers of which the owner of the said mine is a member, or
 - (d) an association to which any official of, or workman employed in, the said mine belongs.

(b) In the rules for mines other than coal mines in chapter V, *renumber* the existing rule 16 as 16 (2) and *insert* the following as rule 16 (1) :—

16 (1). A Court of Inquiry appointed under section 21 of the Act shall, in the case of person whose death may have been caused by an accident in a mine with respect to which an inquiry is being held, permit any of the following persons to attend and examine any witness, either in person or by his counsel, solicitor, pleader or agent, subject to the power of the Court to disallow any question which, in its opinion, is not relevant or proper :—

- (1) a relative of the deceased person,
- (2) the owner, agent or manager of the mine in which the accident occurred, and
- (3) a person appointed by an order in writing in that behalf by—
 - (a) a majority of the workmen employed at the said mine,
 - (b) an association of workmen to which the deceased belonged at the time of his death,
 - (c) an association of employers of which the owner of the said mine is a member, or
 - (d) an association to which any official of or workman employed in the said mine belongs.

E. N. BLANDY,

Secretary to the Government of Bengal.

APPENDIX IV—*contd.*

Miscellaneous—*contd.*

Statement No. 8.

NOTIFICATION.*Nagpur, the 21st January 1930.*

No. 216-1944-XIII.—In exercise of the powers conferred by section 30 of the Indian Mines Act, 1923 (IV of 1923), as applied to Perar, the Governor in Council is pleased to make the following amendment to the Berer Regulation and Inspection of Mines Rules, 1924, published with the Central Provinces Gazette Notification No. 2227-1920-XIII, dated the 24th September 1924 :—

Amendment.

After rule 1 insert the following as a new rule :—

“ 1-A. A Court of Inquiry appointed under section 21 of the Act shall permit a relative of any person whose death may have been caused by an accident with respect to which an enquiry is being held, and the owner, agent or manager of the mine in which the accident occurred, and any person appointed by the order in writing of the majority of the workmen employed at the said mine, and any person appointed in writing by an association of workmen to which the deceased at the time of his death belonged or by any association of employers of which the owner is a member or by any association to which any official of or workman employed in the mine belongs, to attend and examine any witness either in person or by his counsel, solicitor, pleader or agent, subject nevertheless to the power of the Court to disallow any question which, in its opinion, is not relevant or is otherwise not a proper question.”

(By order of the Governor in Council)

N. J. ROUGHTON,

Financial Secretary to Government,

Central Provinces.

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 9.

Bombay Castle, the 10th April 1930.

No. 2822-28.—In exercise of the powers conferred by section 30 (b) of the Indian Mines Act, 1923 (IV of 1923), the Governor in Council is pleased further to amend the rules published in Government Notification in the Revenue Department, No. 10029, dated the 6th September 1924, as follows :—

After rule 1 of the said rules the following shall be inserted, namely :—

“ 1-A. A Court of Inquiry appointed under section 21 of the Act shall, subject to the power of such Court to disallow any question which, in its opinion, is not relevant or is otherwise not a proper question, permit the Representation of interests before Court of Inquiry. following persons to attend and examine any witness, either in person or by counsel, solicitor, pleader or agent, namely :—

- (i) a relative of any person whose death may have been caused by an accident with respect to which an inquiry is being held,
- (ii) the owner, agent or manager of the mine in which the accident occurred,
- (iii) any person appointed by an order in writing of the majority of the workmen employed at the said mine, and
- (iv) any person appointed in writing by an association of workmen to which the deceased at the time of his death belonged, or by any association of employers of which the owner is a member, or by any association to which any official of, or workman employed in, the said mine belongs.”

(By order of the Governor in Council)

R. D. BELL,

Acting Chief Secretary to Government, &c.

Revenue Department.

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 10.

NOTIFICATION.

Mount Abu, the 27th May 1930.

No. 144—354-C. C.I-20.—In exercise of the powers conferred by section 30 (b) of the Indian Mines Act, 1923 (IV of 1923), and subject to the control of the Governor General in Council, the Chief Commissioner is pleased to make the following addition to the Ajmer-Merwara Metalliferous Mines Rules, 1924, published in this Administration's Notification No. 1283, dated the 1st August 1924 :—

Add the following as Chapter VII :—

CHAPTER VII.

Court of Inquiry.

19. Whenever a Court of Inquiry is appointed by the Local Government under Section 21 (1) of the Act, the members of such Court not being Government servants will be entitled to draw travelling allowance for the journey calculated under the ordinary rules for the journey of a Government servant of the first grade on tour—*vide* S. R. 190 issued by the Governor General in Council.

20. A Court of Inquiry appointed under Section 21 of the Act may permit a relative of any person whose death may have been caused by an accident with respect to which an inquiry is being held, and the owner, agent or manager of the mine in which the accident occurred, and any person appointed by the order in writing of the majority of the workmen employed at the said mine, and any person appointed in writing by an association of workmen to which the deceased at the time of his death belonged, or by any association of employers of which the owner is a member, or by any association to which any official of, or workman employed in, the mine belongs to attend and examine any witness, either in person or by his counsel, solicitor, pleader or agent, subject nevertheless to the power of the Court to disallow any question which, in its opinion, is not relevant or is otherwise not a proper question.

21. If a Court of Inquiry appointed under Section 21 of the Act finds that the accident was due to any carelessness or negligence on the part of the management, the Court may order the owner, agent or manager of the mine to pay all or any part of the expenses of the inquiry, and the amount so directed to be paid may, on application by the Chief Inspector or Inspector to a Magistrate having jurisdiction at the place where the mine is situated or where such owner or agent is for the time being resident, be recovered by the distress and sale of any moveable property within the limits of the Magistrate's jurisdiction belonging to such owner, agent or manager.

By order,

C. L. CORFIELD,

Secretary to the Chief Commissioner,

Ajmer-Merwara.

APPENDIX IV—contd.

Miscellaneous—contd.

Statement No. 11.

The 22nd May 1930.

No. 2347-B.—In exercise of the powers conferred by section 30 of the Indian Mines Act, 1923 (IV of 1923), the Governor in Council is pleased to add the following rule to the rules made under the said section which were published with Notification No. 2466-B., dated the 9th October 1924:—

RULE MADE UNDER SECTION 30 (cc), INDIAN MINES (AMENDMENT) ACT, 1928.

Rule 9-A.—The notice required under section 23-B (1) shall be in one or other of the forms shown in Schedule B and shall be posted in English and Assamese and Hindi outside the office of the mine.

SCHEDULE B.

(SEE RULE 9-A.)

Notice of commencement and end of work.

Name of mine.....:

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below:—

Kind of worker.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$
	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$
	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$	$\frac{A.M.*}{P.M.}$

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

C. K. RHODES,

Offg. Secretary to the Government of Assam
in the Revenue Department.

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 12.

NOTIFICATION.

The 2nd August 1930.

No. 23297.—In exercise of the powers conferred by section 30 of the Indian Mines Act, 1923, and with reference to Punjab Government Notification No. 10564-R., dated the 26th March 1930, the Governor in Council is pleased to make the following amendments in the rules published with Punjab Government Notification No. 3224-D., dated the 14th July 1927 :—

Amendments.

In the rules for mines other than coal mines make the following amendments :—

(1) *Add* the following after rule 9-A :—

“ 9-B. The notice required under section 23-B (1) shall be in the forms shown in the schedule C and shall be posted in English and Urdu outside the office of the mine.”

(2) *Add* the following as schedule C at the end of the rules after schedule B :—

SCHEDULE C.

(SEE RULE 9-B.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below :—

Kind of worker.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$
	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$
	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

In the rules for coal mines make the following amendments:—

(1) *Add* the following after rule 9:—

“9-A. The notice required under section 23-B (1) shall be in the form shown in schedule B and shall be posted in English and Urdu outside the office of the mine.”

(2) *Add* the following as schedule B at the end of the rules after schedule A:—

SCHEDULE B.

(RULE 9-A.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below:—

Kind of worker.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$
	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$
	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$	$\frac{\text{A.M.}^*}{\text{P.M.}}$

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

No. 23299. (Rev.—Indus.), dated 2nd August 1930.

A copy is forwarded to the Director of Industries, Punjab, for information, with reference to the correspondence ending with his letter No. 1089-6802, dated the 21st July 1930.

By order, etc.,

W. R. WILSON,

Secretary to Government, Punjab,

Revenue Department.

APPENDIX IV—*contd.*Miscellaneous—*contd.*¹

Statement No. 13.

GOVERNMENT OF MADRAS.
DEVELOPMENT DEPARTMENT.*The 28th May 1930.*Mines—Indian Mines Act—Time of commencement and end of work—Posting of notices—
Rule 9-A—Published.

NOTIFICATION.

No. 1115.—In exercise of the powers conferred by clause (g) of section 30 of the Indian Mines Act, 1923 (Act IV of 1923), read with section 21 of the General Clauses Act, 1897 (Act X of 1897), the Governor in Council is hereby pleased to make the following amendments to the rules published with the notification of the Local Government in the Development Department, No. 6, dated 26th November 1924, at pages 35—36 of Part I of the *Fort St. George Gazette*, dated 6th January 1925, as subsequently amended; the same having been previously published as required by sub-section (1) of section 31 of the Indian Mines Act, 1923.

Amendments.

- After rule 9 of the said rules, the following rule shall be inserted, namely:—
“9-A. The notice required under sub-section (1) of section 23-B of the Act shall be in the form shown in schedule B and shall be posted in English and in the court language of the district outside the office of the mine.”
- After schedule A appended to the said rules, the following schedule shall be inserted, namely:—

SCHEDULE B.

(SEE RULE 9-A.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their work between the hours set out below:—

Kind of worker.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begin	Ends.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

(By order of the Governor in Council)

S. V. RAMAMURTI,

Secretary to Government.

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 14.

NOTIFICATION.

The 21st October 1930.

No. 1655-T. Com.—In exercise of the powers conferred by section 20 of the Indian Mines Act, 1923 (IV of 1923), the Governor in Council is pleased to direct that the following amendments shall be made to the rules for coal mines and the rules for mines other than coal mines, published with Bengal Government Notification No. 4788-Com., dated the 29th August 1924, namely :—

Amendments.

(a) In the rules for coal mines in Chapter III, after rule 9A insert the following as rule 9B, namely :—

Rule 9B.—The notice required under section 23B (1) shall be in the form shown in Schedule B and shall be posted in the English, Bengali and Hindi languages outside the office of the mine.

SCHEDULE B.

(See rule 9B.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below :—

Kind of workers.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.
	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* M.	A. M.* P. M.	A. M.* P. M.
	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.	A. M.* P. M.

* The words and letters not wanted should be scored out.

NOTE—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

(b) In the rules for mines other than coal mines in Chapter III, after rule 9 insert the following as rule 9A, namely :—

Rule 9A.—The notice required under section 23B (1) shall be in the form shown in Schedule B and shall be posted in the English, Bengali and Hindi languages outside the office of the mine.

SCHEDULE B.

(See rule 9A.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below :—

Kind of workers.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends	Begins.	Ends.	Begins.	Ends.
	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$
	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$
	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$	$\frac{A. M.*}{P. M.}$

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

E. N. BLANDY,

Secretary to the Government of Bengal.

APPENDIX IV—contd.

Miscellaneous—contd.

Statement No. 15.

NOTIFICATION.

Nagpur, the 8th September 1930.

No. 3333-1866-XIII.—In exercise of the powers conferred by section 30 of the Indian Mines Act, 1923 (IV of 1923) [as amended by the Indian Mines (Amendment) Act, 1928], the Governor in Council is pleased to make the following amendments to the Central Provinces Regulation and Inspection of Mines Rules, 1924, published with the *Central Provinces Gazette* Notification No. 2226-1820-XIII, dated the 24th September 1924 (as subsequently amended):—

Amendments.

In the heading under Chapter V for the words and figures "section 30 (d) and (f)" substitute the words and figures "section 30 (cc), (d) and (f)".

2. Insert the following as a new rule 29-B after rule 29-A :—

"29-B. The Notice required under section 23-(B) (1) shall be either in the appended form E or F and shall be posted in English and the Court language of the district outside the office of the mine."

FORM E.

(RULE 29-B. FOR MINES WITH NO SHIFT SYSTEM.)

Notice of commencement and end of work.

Name of mine.. .. .

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their work at the hours set out below :—

Kind of worker.	Begins.	Ends.

APPENDIX IV—*contd.*

Miscellaneous—*contd.*

Statement No. 15—*concl.*

FORM F.

(RULE 29-B. FOR MINES WORKED BY A SYSTEM OF SHIFTS.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below:—

Kind of worker.	1st shift.		2nd shift.		3rd shift.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>
	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>
	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>	<u>A. M.</u> <u>P. M.</u>

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift or work.

(By order of the Governor in Council)

A. McDONALD,

*Financial Secretary to Government,
Central Provinces.*

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 16.

NOTIFICATION.

Bombay Castle, 11th August 1930.

No. 4165-28.—In exercise of the powers conferred by section 30 (cc) of the Indian Mines Act, 1923 (IV of 1923), the Governor in Council is pleased further to amend the rules published in Government Notification in the Revenue Department, No. 10029, dated the 6th September 1924, as follows:—

1. After rule 10 of the said rules the following shall be inserted, namely:—

"10 A.—*Form of notice regarding hours of work.*—The notice required by section 23 B (1) of the Act shall be in the form of Schedule B and shall be posted outside the office of the mine in English and in the vernacular of the district concerned."

2. After Schedule A appended to the said rules the following shall be inserted, namely:—

" SCHEDULE B.

Notice of commencement and end of work [section 23 (B 1) of the Indian Mines Act, 1923].

[See Rule 10A.]

Name of mine.....

Name of owner of mine.....

It is hereby declared that persons employed in this mine shall begin and end their work or shifts of work between the hours set out below:—

Kind of worker.	Hours of work or in case of shifts of 1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$
	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$
	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$	$\frac{\text{A. M.}^*}{\text{P. M.}}$

Dated

193 .

Manager.

* The words and letters not required should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of work or of the shift."

(By order of the Governor in Council)

R. D. BELL,
Chief Secretary to Government,
Revenue Department.

APPENDIX IV—*contd.*Miscellaneous—*contd.*

Statement No. 17.

NOTIFICATION.

Camp Ajmer, the 27th August 1930.

No. 555 C.—354-C. C./29.—In exercise of the powers conferred by clause (cc) of section 30 of the Indian Mines Act, 1923 (IV of 1923), and subject to the control of the Governor-General in Council the Chief Commissioner is pleased to make the following addition to the Ajmer-Merwara Metalliferous Mines Rules, 1924, published in the Administration's Notification No. 1289, dated the 1st August 1924.

Addition.

Rule 7-A. The notices required under section 23-B (1) shall be in form shown in Schedule B and shall be posted in English and the Court language of the district outside the office of the mine.

SCHEDULE B.

(SEE RULE 7-A.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below:—

Kind of worker.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift.

By Order,

C. L. CORFIELD,

*Secretary to the Chief Commissioner,
Ajmer-Merwara.*

APPENDIX IV—concl'd.

Miscellaneous—concl'd.

Statement No. 18.

NOTIFICATION.

Quetta, the 30th July 1930.

No. 4491-R.—In exercise of the powers conferred on him by section 30 (cc) of the Indian Mines (Amendment) Act, 1928 (XIII of 1928), and with the previous sanction of the Governor-General in Council, the Agent to the Governor-General and Chief Commissioner is pleased to direct that the following shall be added as rule 9-A to the rules (1) for Coal Mines and (2) for Mines other than Coal Mines made by him and published with this office Notification No. 3587-R., dated the 5th November 1924, viz. :—

"9-A. The notice required under section 23-B (1) shall be in one or other of the forms shown in Schedule B and shall be posted in English and Urdu outside the office of the mine.

SCHEDULE B.

(SEE RULE 9-A.)

Notice of commencement and end of work.

Name of mine.....

Name of owner of mine.....

It is hereby notified that persons employed in this mine shall begin and end their shifts of work between the hours set out below :—

Kind of worker.	1st shift.		2nd shift* if any.		3rd shift* if any.	
	Begins.	Ends.	Begins.	Ends.	Begins.	Ends.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*	A.M.*
	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.

* The words and letters not wanted should be scored out.

NOTE.—The work of persons employed below ground is to be reckoned from the time such persons leave the surface of the mine to the time when they finally return thereto at the end of the shift."

By Order,

E. T. R. WICKHAM, MAJOR,

Secretary to the Hon'ble the Agent to the
Governor General and Chief Commissioner in Baluchistan.